

Numismatic literature.

New York : American Numismatic Society, 1947-

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NUMISMATIC LITERATURE

No. 141

March 1999



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

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THE AMERICAN NUMISMATIC SOCIETY

Founded 1858 Incorporated 1865

Broadway between 155th and 156th Streets
New York, NY 10032

PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are forty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly Newsletter are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

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THE AMERICAN NUMISMATIC SOCIETY**

**ISSN 0029-6031
ISBN 0-89722-300-4**

**PRINTED IN U.S.A.
AT BRAUN-BRUMFIELD, INC., ANN ARBOR, MICHIGAN**

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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefiting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The Greek section correlates with the broad definition of Head's *Historia Numorum*. At the end of each section is a list of numbered cross references to abstracts with related material in other sections.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a festschrift or proceedings of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Submitting Material on Diskette

Material may be sent to the International Editor in printed form or on diskette. Contributors wishing to use the latter form should submit an IBM-readable diskette containing files in one of the following formats:

WordPerfect for MS-DOS	Version 5.x, 6.x
WordPerfect for Windows	Version 5.x, 6.x
Microsoft Word for MS-DOS	Versions 3.0, 4.0, 5.0, 5.5, or 6.0
Microsoft Word for Windows	Versions 1.x, and later
Microsoft Word for the Macintosh	Versions 4.x and 5.x
Microsoft Write for Windows	
ASCII Text	

Where an email address is provided, abstracts may be submitted via electronic mail. However, since diacritical marks generally do not transmit correctly, please also send a hard copy (printed) version to the editor.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

The following list of periodicals supplements the list published in volume 139 (March 1998).

<i>NearEast Arch</i>	Near Eastern Archaeology. Formerly, Bibl Arch.
<i>TJ</i>	Tibet Journal. Dharamsala, India.
<i>Bulletin of Tibetology</i>	Bulletin of Tibetology. Namgyal Institute of Tibetology, Gangtok, Sikkim, India.
<i>Der Geldscheinsammler</i>	Der Geldscheinsammler. Regensburg, Germany.
<i>Paper Money Trend</i>	Paper Money Trend. Purkersdorf, Austria.
<i>Medallas.</i>	Medallas. Publicación del Circulo de Coleccionistas de Medallas, Santiago de Chile.
<i>Cuadernos de Numismática y Ciencias Históricas.</i>	Cuadernos de Numismática y Ciencias Históricas. Buenos Aires, Argentina.
<i>Numismática (Uruguay)</i>	Numismática. Instituto Uruguayo de Numismática. Montevideo, Uruguay.
<i>Numismática (Peru)</i>	Numismática. Publicación oficial de la Sociedad Numismática del Perú, Lima, Peru.

GENERAL

1 ARNOLD, PAUL. Münzkabinett 1994. *Jahrbuch der Staatlichen Kunstsammlungen Dresden* 25 (1994/95, publ. 1998) pp. 141-53.

2 ARNOLD, PAUL. Münzkabinett 1995. *Jahrbuch der Staatlichen Kunstsammlungen Dresden* 25 (1994/95, publ. 1998) pp. 249-60.

3 ARNOLD, THOMAS. Der Groschenfund von Saalburg in Thüringen 1942. *Freiberger Münzblätter* 7 (1998) pp. 25-32.

4 ARSLAN, ERMANNIO A. Per un approccio ai materiali numismatici nello scavo archeologico. *Le collezioni numismatiche: conservazione e valorizzazione, Atti della giornata di studi, Varese, Musei Civici di Villa Mirabello, 31 marzo 1995* (Varese, Regione Lombardia, Servizio Musei e Beni Culturali 1996) pp. 7-14.

The author presents a series of recommendations for the conservation, restoration and publication of coins found in excavation. The last section is devoted to a clarification of the utility and limitations of coins for the analysis of excavation material.
(Andrea Carignani)

5 BARTH, MATTHIAS. Jacob Spon (1647-1685), Arzt und Altertumsforscher, Münzsammler, Münzhändler. *NNb* 47 (1998) pp. 369-76 illus.

6 BENAGES, J. Les monedas de Tarragona (addenda primera). *Acta Num* 27 (1997) pp. 13-26.

7 BERGHAUS, PETER. Numismatiker im Porträt, 33: Caspar Waser, 1. September 1565 Zürich – 9. September 1625 Zürich. *GN* 31 (1996) pp. 4–7 illus.

8 BERGHAUS, PETER. Numismatiker im Porträt. 44. Jacob de Wilde (1654 's-Gravenhage - 1721 Amsterdam). *GN* 33 (1998) pp. 197-205 illus.

9 BERGHAUS, PETER. Numismatiker im Porträt. 45. Nils Ludvig Rasmusson 3. Mai 1904 Svedala - 26. November 1973 Sigtuna. *GN* 33 (1998) pp. 249-52 illus.

10 BERGHAUS, PETER. Numismatiker im Porträt. 46. Christian Schlegel 30. September 1667 Saalfeld - 17. Oktober 1722 Gotha. *GN* 33 (1998) pp. 313-20.

11 BIRO-SEY, KATALIN. Neuanschaffungen antiker Münzen des Universitetets Myntkabinett, Oslo, 1993-1998. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) p. 20-23 illus.

12 CAMPBELL, FRANCIS D. The published work of Charles Hersh. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 1-3.

13 CAMPO, M., M. CLUA and T. MAROT. *La image del poder a la moneda*. Barcelona, Museu Nacional d'Art de Catalunya 1998. 108 pp.

14 DEKESEL, CHRISTIAN. Jean Foy-Vaillant, een 17e eeuwse numismaat. *JEGMP* (1995-1996) pp. 17-22.

15 DOTY, RICHARD G. American Numismatic Museums: three concepts, three collector opportunities. *SCN* 11 (1995, publ. 1997) pp. 225-29.

The author describes the major coin collections of the United States: the American Numismatic Society (New York), the National Numismatic Collection (Washington, D.C.) and the American Numismatic Association (Colorado Springs).

(Gh. Poenaru Bordea)

16 DUFOND, JEAN-LUC. Il y a 90 ans déjà, une monnaie auxiliaire internationale. *Vie num* 47 (1997) pp. 135-36.

17 DUFOND, JEAN-LUC. La photographie des monnaies ...il y a 90 ans. *Vie num* 47 (1997) pp. 243-44.

18 DUFOND, JEAN-LUC. Un siècle déjà...la fee électricité au secours de la numismatique. *Vie num* 47 (1997) pp. 168-70.

19 DUFOND, JEAN-LUC. Tirelires mécaniques en 1882. *Vie num* 47 (1997) pp. 82-86.

20 FATIA VITAL, NESTOR. A Academia Portuguesa da História e a Numismática [The Portuguese History Academy and Numismatics]. *Moeda* 23 no. 4 (October/December 1997) pp. 168-71. In Portuguese.

Several members of the Royal Portuguese History Academy founded in 1720 were also numismatists. This article lists seventeen of them, a few well known such as Lopes Fernandes, Teixeira de Aragão, Costa Couvreur and Batalha Reis; the others are not found in Clain-Stefanelli's bibliography of 1984. A bibliography follows the name of each author. Other members who are still alive are also listed but with no bibliography. (Alain Costilhes)

21 FELLER, RACHEL. The Cabinet. *IBNS* 37 no. 2 (June 1998) pp. 48-49 illus.

One of a series of quarterly columns, this effort departs from describing events or banknotes and subtly and movingly describes the essence of collecting. It is a remarkable essay, the more significant because it comes from a high school student.

(Joseph E. Boling)

22 FRERE, H. 50 années du Cercle numismatique liégeois. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 13-21.

23 FRIEBE, HANS. Das Abzeichen zur 750-Jahrfeier Freibergs 1938. *Freiberger Münzblätter* 7 (1998) pp. 37-38.

24 GEISER, ANNE. Le Cabinet des médailles de Lausanne. *Commission internationale de numismatique, Compte rendu* 40 (1993) pp. 52-54.

25 GIOVETTI, PAOLA. I medaglieri di Mantova e Bologna: realtà e progetto. *Le collezioni numismatiche: conservazione e valorizzazione, Atti della giornata di studi, Varese, Musei Civici di Villa Mirabello, 31 marzo 1995* (Varese, Regione Lombardia, Servizio Musei e Beni Culturali 1996) pp. 15-19.

26 GORINI, GIOVANNI. Il centro di catalogazione informatica dei beni numismatici della Regione Veneto. *Le collezioni numismatiche: conservazione e valorizzazione, Atti della giornata di studi, Varese, Musei Civici di Villa Mirabello, 31 marzo 1995* (Varese, Regione Lombardia, Servizio Musei e Beni Culturali 1996) pp. 33-38.

27 HACKENS, T. Numismatique quantitative, numismatique théorique et ... big-bang. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 359-70.

- 28** ILISCH, PETER. Münzkabinett. *Westfalen* 74 (1996) pp. 218-22 illus.

A selection of objects acquired 1995 by the Münster coin cabinet is presented including a Constantius II imitation siliqua, medieval coins of Dortmund(?) and Hallenberg, medieval and modern coins of the territory of Lippe, a Lippstadt lead token of 1629 and medals featuring the 1648 peace treaty as well as some popular 19th-century medals.
(Author)

- 29** (KIERNAN, PHILIP). A Bibliography of Works Related to Counterfeits: Some Articles and Monographs. *CCS* 2 no. 1 (March 1997) pp. 2-3.

Twelve articles by Bob Forrest and two other articles are listed, with commentary.
(Joseph E. Boling)

- 30** (KIERNAN, PHILIP). A Bibliography of Works Related to Counterfeiting: Fourrés, or Plated Coins. *CCS* 2 no. 2 (August 1997) pp. 2-3.

Four articles about fourrés are listed, with commentary.
(Joseph E. Boling)

- 31** (KIERNAN, PHILIP). Bibliography of Items Related to Counterfeiting. *CCS* 3 nos. 1 and 2 (1998) pp. 2-3.

Six articles are listed, with commentary.
(Joseph E. Boling)

- 32** KIERNAN, PHILIP. Notes on the Physical Attributes of Counterfeit Coins. *CCS* 2 no. 2 (August 1997) pp. 9-11 illus.

The following aspects of counterfeits are discussed: plating, test scratches/punches, hand cut milling, sprue marks, and porosity.
(Joseph E. Boling)

- 33** KIERNAN, PHILIP. Physical Attributes of Counterfeit Coins Cont'. *CCS* 3 nos. 1 and 2 (1998) p. 26.

The series continues with discussions of "ring" (the sound of a struck or dropped coin), color, and electrotype seams.
(Joseph E. Boling)

- 34** (KIERNAN, PHILIP). The Rogues Gallery: A Counterfeit Brockage Error? *CCS* 3 nos. 1 and 2 (1998) p. 7.

Two examples of "coins" created by squeezing legitimate pieces into a blank planchet are described.
(Joseph E. Boling)

35 KLEIN, ULRICH. Fundmünzen aus Württemberg. *Archäologische Ausgrabungen in Baden-Württemberg 1997* (Stuttgart, Konrad Theiss Verlag 1998) pp. 209-12 illus. ISBN 3-8062-1347-X.

In 1997 about 70 coin finds were reported to the Stuttgart coin cabinet, comprising Roman (Republic to early 4th century), late medieval and early modern specimens as well as an early modern lead seal. (Peter Ilisch)

36 KLEIN, ULRICH. Münzkabinett. *Jahrbuch der Staatlichen Kunstsammlungen in Baden-Württemberg* (Deutscher Kunstverlag München/Berlin) 34 (1997) pp. 178-84 illus.

The more prominent new acquisitions of the Stuttgart cabinet comprise an electron stater of Miletos, an Indian imitation of an aureus of Caracalla, a Strassburg obol from ca. 1060/65, a gilt silver medal depicting emperor Karl V cast after 1550, cast silver gilt medals from 1567, 1582 and 1601/10, and medals of the Württembergian duke Friedrich I and Nikolaus Keder as well as a small hoard of 57 silver coins with denominations from kreuzer to 2/3 taler, buried after 1674.

(Peter Ilisch)

37 KORČMAROŠ, LADISLAV. Bibliografija izvornih radova objavljenih u časopisu "Numizmatičke vijesti" 1-50 (1939-1997) [Bibliography of original works published in the periodical *Numizmatičke vijesti*, nos. 1-50 (1939-1997)]. *Numizmatičke vijesti* 51 (1998) pp. 138-60. English summary.

The list is divided into general topics, within which articles are listed in alphabetical order by author. An overall index by author is also provided.

(Charles B. Smith, Jr.)

38 KORČMAROŠ, LADISLAV. Cjelokupna bibliografija numizmatičkih radova Gjuro Krasnova [Complete bibliography of the numismatic works of Gjuro Krasnov]. *Numizmatičke vijesti* 51 (1998) pp. 128-37. English summary.

The author lists 171 articles published from 1961-97. (Charles B. Smith, Jr.)

39 KRASNOV, GJURO. Dr. Ivan Mirnik (uz 55.godišnicu života 1942.-1977.) [Dr. Ivan Mirnik (on his 55th birthday)]. *Numizmatičke vijesti* 51 (1998) p. 205.

The author presents a brief biography of this member of the numismatic department of the Archeological Museum in Zagreb. (Charles B. Smith, Jr.)

40 KUMPIKEVICIUS, G.C. The George Prager Numismatic Archive. *Hekte* 333 (March 1997) pp. 16-60.

41 LE RIDER, GEORGES. Témoignage. *SCN* 11 (1995, publ. 1997) p. 7.

This is a testimonial to Constantin Preda on the occasion of his 70th birthday.

(Gh. Poenaru Bordea)

42 *Les faux en numismatique*. Perpignan, Musée numismatique J. Puig 1997. 77 pp.

Typology and examples are put forth by M. Dhénin and B. Dutres; examples of Roman denarii by G. Lebrat; a detailed study on the suppression of false coinage in Roussillon in the 17th-18th centuries by B. Lloansi; and the current situation by A. Defer.

(Marc Bompaire)

43 LINGEN, JAN. Die Oriental Numismatic Society O.N.S. *GN* 33 (1998) pp. 143-44 illus.

44 MAKSIMOVIĆ, LADISLAV. Cjelokupna povijest Numizmatičkog društva Bosne i Hercegovine [General history of the Numismatic Society of Bosnia and Herzegovina]. *Numizmatičke vijesti* 51 (1998) pp. 161-72. English summary.

The activities and major participants of the Society are described by one of its most prominent members, himself a student of Dr. Jozo Petrović. Formally established in 1968, the Society ceased to function with the Bosnian civil war. A joint Numismatic and Philatelic Society was re-established in 1996. (Charles B. Smith, Jr.)

45 MARTINEZ, JUAN MANUEL. La colección de monedas y medallas del Museo Histórico Nacional. *Medallas* 2 (May 1996) pp. 19-20.

46 MORA, G. Rafael Cervera y el coleccionismo numismático en España en la segunda mitad del s. XIX. *Numisma* 239 (1997) pp. 175-207.

47 NORMAN, GERALDINE. *The Hermitage. The Biography of a Great Museum*. London, Jonathan Cape 1997. 386 pp. illus.

This semi-popular history has little to say on the numismatic department, but the appendix on members of the staff prosecuted at one time or another by the Soviet Security Services contains biographical details on a number whose names will be familiar to numismatists, notably N. P. Bauer, A. A. Bykov, A. A. Ilyin, I. G. Spassky and R. R. Vasmer (spelled Fasmer).

(Philip Grierson)

48 PAQUET, R. Numismates liégeois. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 340-58.

49 PARRADO CUESTA, M.S. La colección numismática de la Comisión de Monumentos de León. *Numisma* 239 (1997) pp. 129-73.

50 PENNESTRÍ, SERAFINA. Le collezioni numismatiche torinesi. Fruizione e valorizzazione. *Le collezioni numismatiche: conservazione e valorizzazione, Atti della giornata di studi, Varese, Musei Civici di Villa Mirabello, 31 marzo 1995* (Varese, Regione Lombardia, Servizio Musei e Beni Culturali 1996) pp. 27-32.

51 PERASSI, CLAUDIA. Uso didattico di una collezione numismatica. Le monete dell'Università Cattolica di Milano. *Le collezioni numismatiche: conservazione e valorizzazione, Atti della giornata di studi, Varese, Musei Civici di Villa Mirabello, 31 marzo 1995* (Varese, Regione Lombardia, Servizio Musei e Beni Culturali 1996) pp. 39-50 illus.

52 POENARU BORDEA, GH. Constantin Preda à son 70^e anniversaire. *SCN* 11 (1995, publ. 1997) pp. 9-17 illus.

This detailed review of the work of Constantin Preda is accompanied by a numismatic bibliography consisting of 144 works. (Author)

53 SACCOCCI, ANDREA. L'attività del Museo Bottacin: conservazione valorizzazione. *Le collezioni numismatiche: conservazione e valorizzazione, Atti della giornata di studi, Varese, Musei Civici di Villa Mirabello, 31 marzo 1995* (Varese, Regione Lombardia, Servizio Musei e Beni Culturali 1996) pp. 21-26.

The author, curator of the Museo Bottacin in Padua, presents a brief history of this institution from its foundation in 1865 to the present and discusses various exhibits. (Andrea Carignani)

54 SCHNEIDER, KONRAD. Bargeldbestände bei Wasserleichen—Grenzfälle der Fundstatistik. *GN* 33 (1998) pp. 145-46.

55 SHELHAMER, JASON. The Nature of Money. *IBNS* 37 no. 3 (September 1998) p. 39.

The progression of money from trade goods through substitutes (shells, coins, notes) to electronic media is traced, with discussion of what makes a medium acceptable as money and where we may arrive in the future. (Joseph E. Boling)

56 SKAARE, KOLBJØRN. Trondheim får fagnumismatiker på heltid [Trondheim gets a full-time numismatist]. *NNUM* 5 (1998) p. 70-73 illus. In Norwegian.

The author reports the appointment of Jon Anders Risvaag as the first full-time numismatist at the museum of Trondheim. (Jens Christian Moesgaard)

57 TOOTH, M.E. A Bibliography of Numismatic and Related Articles in the Journal Chiron. *Hekte* 3 (March 1997) pp. 65-75.

58 TOOTH, M.E. A Numismatist and His Library: Some Personal Reflections. *Hekte* 3 (March 1997) pp. 76-105.

The author discusses his motivations and philosophies dealing with the creation and development of his library. (Thomas Serfass)

59 VAN HEESCH, JOHAN. Belgian laws regarding coin finds. *Commission Internationale de Numismatique. Compte Rendu* 43 (1996) pp. 82-86.

60 VAN HEESCH, JOHAN. Bibliographie de la numismatique belge 1996. *RBN* 143 (1997) pp. 197-208.

61 VERTAN, ANTOANETA and GABRIEL CUSTUREA. Descoperiri monetare în Dobrogea (X) [Coin finds in Dobrudja (X)]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 309-21 illus. French summary.

The authors publish 115 coins from the 1st-18th centuries (Roman, Byzantine, medieval and modern) discovered in Dobroudja which belong to the collection of the Museum of National History and Archaeology in Constanța. (Gh. Poenaru Bordea)

62 WEHRLE, BERND. Herstellung von Edelmetallronden für Münzen und Medaillen. *Freiberger Münzblätter* 7 (1998) pp. 17-23.

63 WILLIAMS, JONATHAN, JOE CRIBB and ELIZABETH ERRINGTON, eds. *Money: A History*. London, British Museum Press 1997. 256 pp. illus. ISBN 0-7141-0886-3.

A survey of world monies is presented (primarily metallic and paper, but including some primitive currencies), divided regionally for pre-modern issues. Non-currency money (credit cards and electronic money) is barely mentioned.

(Joseph E. Boling)

64 ZÄCH, BENEDIKT, SASKIA KLAASSEN and DANIELA U. BALL, eds. *Münzen und Medaillen aus Mittelalter und Neuzeit: Die numismatische Sammlung des Kantons Aargau*. Lenzburg, Historisches Museum Aargau Schloss Lenzburg 1997. 271 pp. illus.

65 ZÄCH, BENEDIKT. Schriftenverzeichnis Hans-Ulrich Geiger. *SM* 47 (1997) no. 186 pp. 63-71.

TECHNOLOGY AND METHODOLOGY

66 BODEGA BARAHONA, F. Los sistemas de mesa griegos. *Numisma* 240 (1997) pp. 23-44.

67 BOTRÉ, CLAUDIO and ALBERTO CAMPANA. Archeometria e numismatica. *RIN* 99 (1998) pp. 159-73.

The authors outline the possible applications of archaeometric research to the study of coinage, with particular reference to determining the composition of alloys.

(Andrea Carignani)

68 DEMORTIER, G. Analyse non destructive de monnaies par les techniques PIXE et XRF. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 371-94.

GREEK

69 AMANDRY, M. Le monnayage d'Amathonte revisité. *Mélanges Olivier Masson Centre d'Études Chypriotes. Cahier* 27 (1997) pp. 35-44 illus.

Some addenda and corrigenda to the corpus of these coins are published in the light of new material which has appeared since 1984.

(Author)

70 AMELA VALVERDE, L. Las acuñaciones de Toletos y Clounioq. *GacNum* 129 (1998) pp. 17-23.

71 ASHTON, R.H.J. and J.A.W. WARREN. A hoard of western Greek and pseudo-Rhodian silver. *RBN* 143 (1997) pp. 5-16.

A hoard of 47 Greek silver coins from Corinth, Corcyra, Leukas, Palairos, the Epirote republic and the Akarnanian league, also containing pseudo-Rhodian drachms, is published.
(Johan van Heesch)

72 ASHTON, RICHARD. The coins of the Macedonian kings, Lysimachos and Eupolemos in the Museums of Fethiye and Afyon. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersch* (London, Spink 1998) pp. 19-48 illus.

73 BAR, MARC. De l'intérêt des monnaies antiques retravaillées. *JEListeFPL* 171 (1995) pp. 3-7.

74 BECKMANN, MARTIN. Athenian Coinage in a Worldwide Perspective. *The Anvil* 8 no. 1 (1998) pp. 11-15.

Athenian coins played an important role in the known world of the 6th, 5th, and 4th centuries B.C. Although nearby Greek states did not use Athenian coins, they have been found in hoards from south Italy and Sicily. Their greatest influence was in the Persian east. The vast numbers of these coins, widely respected for their purity, made them acceptable to the enemies of Athens. The Persians took to making imitations and it is possible that more imitations were made than were produced in Athens.
(Robert I. Gait)

75 BIKAI, PATRICIA MAYNOR, WILLIAM J. FULCO, S.J. and JEANNIE MARCHAND. *Tyre: The Shrine of Apollo*. Amman, Jordan, no date.

Chapter 2 is a discussion of the coin finds. (William J. Fulco, S.J.)

76 BOUVY, GH. Inventaire du statère éburon BN 8858. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 49-56.

77 BRENOT, CLAUDE and SIMONE SCHEERS. *Catalogue des monnaies massaliotes et monnaies celtiques du Musée des Beaux-Arts de Lyons*. Leuven, Peeters 1996. 182 pp. illus.

78 BURNETT, ANDREW, UTE WARTENBERG and RICHARD WITSCHONKE. *Coins of Macedonia and Rome: Essays in Honour of Charles Hersch*. London, Spink 1998. 229 pp. illus.

- 79** BUSSI, SILVIA. Rivolte servili e bagliori di "lealismo" ellenistico: Euno in Sicilia. *RIN* 99 (1998) pp. 15-27.

In the course of the second half of the 2nd century B.C., Sicily was overrun by a series of great servile revolts, among which was that of Eunus, originally from Apamea in Syria. From an examination of some bronze issues, the author outlines the contemporaneous presence of typically Siceliot iconographic elements (e.g., Demeter obverse) coupled with onomastics of Syrian origin. (Andrea Carignani)

- 80** CADELL, H. and G. LE RIDER. *Prix du blé et numéraire dans l'Égypte lagide de 305 à 173*. *Papyrologica Bruxellensia* 30. Brussels 1997. 100 pp.

Numismatic and papyrological evidence for the price of wheat are discussed for the period ranging from Ptolemy I to the beginning of the reign of Ptolemy VI.

(Michel Amandry)

- 81** CALLATAÏ, FRANÇOIS DE. Les tétradrachmes de Lysimaque frappés à Callatis. *SCN* 11 (1995, publ. 1997) pp. 55-58 illus.

Studying six tetradrachms of Lysimachus with KAA on the throne and the trident in the exergue, the author confirms their attribution to Callatis which had been proposed by K. Regling. On the basis of style, the author defines two groups, proposing dates of 180-160 and 110-90 B.C., fitting with the campaigns of the Persians (hypothetically) and Mithridates Eupator. (Gh. Poenaru Bordea)

- 82** CATALI, FIORENZO. Le monete. Richard E. Linington and Francesca R. Serra Ridgway, *Lo scavo nel fondo Scataglini a Tarquinia*, Comune di Milano, Settore Cultura e Spettacolo. Raccolte archeologiche e numismatiche I-II (Milan 1997) pp. 169-71.

The author discusses the significance of coin finds from excavations of the Tarquinian necropolis of Fondo Scataglini. Among these, published the previous year, coins from three prow series are of particular interest: semilibral, sextantal and uncial. (Andrea Carignani)

- 83** CAUDET, F.J. Un sextante inédito de la ceca de Arse. *GacNum* 129 (1998) pp. 15-16.

- 84** COSTA, B., J.H. FERNANDEZ and M. CAMPO. *La moneda a l'Eivissa Púnica*. Palma, Sa Nostra, Caixa de Balears 1994. 124 pp.

- 85** CRAWFORD, MICHAEL. Selinus and the quadrigatus. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and*

Rome: Essays in Honour of Charles Hersh (London, Spink 1998) pp. 119-23.

86 DORNISCH, KLAUS. "Et in Arcadia ego." *Nürnberger Blätter zur Archäologie* 13 (1996/97, publ. 1998) pp. 188-90 illus.

A bronze coin of Argos (fig. 3: wolf's-head r./A over club, 4th-3rd century B.C.) was found during excavations at Megalopolis, in a channel at the agora.

(Hans R. Baldus)

87 EHLING, KAY. Die Nachfolgeregelung des Antiochos VII. vor seinem Aufbruch in den Partherkrieg (131 v. Chr). *JNG* 46 (1996) p. 31 ff.

The author attributes a tetradrachm (CSE 690) previously said to be from Antiochus VIII, son of Demetrius II, to Antiochus Epiphanes, eldest son of Antiochus VII. The portrait of young Antiochus was based on the representation of his father. Since Antiochus VIII had probably already died by 131 B.C., he was not able to succeed his father.

(Gerd Stumpf)

88 EHLING, KAY. Seleukidische Geschichte zwischen 130 und 121 v. Chr. *Historia* 47/2 (1998) pp. 141-51 illus.

Seleucid coins of king Demetrius II and Alexander II, of queen Cleopatra Thea and king Antiochus VIII are discussed, some of them illustrated.

(Hans R. Baldus)

89 ELSÉN, JEAN. La masse théorique des statères milésiaques, phocaïques, lydiens, samiens et du *sheqel* persique (6e siècle avant notre ère). *JEListeFPL* 191 (1997) pp. 1-6.

90 ELSÉN, JEAN. Une petite trouvaille de drachmes de Sicyone du 2e/1er siècle avant notre ère. Masse théorique et essai de datation. *CENB* 34 (1997) pp. 21-33 and *JEListeFPL* 188 (1997) pp. 1-8.

91 EPH'AL, I. Changes in Palestine during the Persian Period in Light of Epigraphic Sources. *IEJ* 48 nos. 1-2 (1998) pp. 106-18.

This survey of the history of Palestine during the two centuries prior to the arrival of Alexander the Great is based on the epigraphic material now available and makes considerable use of coins and the names appearing on them, including issues from Samaria, Judea and the coastal cities of southern Palestine.

(Arnold Spaer)

92 FUENTES VAZQUEZ, R. Algunas consideraciones sobre cronología de la moneda de Iliberri (Granada). *Numisma* 240 (1997) pp. 7-22.

93 GEISER, ANNE. Petits bronzes coulés "à la rouelle" attribués à la Gaule méridionale et à l'Helvétie. *BSFN* 51 (1996) pp. 197–201 illus.

94 GHERGHE, PETRE and VASILE CIUCA. Repertoriul și tehnica de fortificare a așezărilor și cetăților geto-dacice din bazinul Jiului [The Repertory and Fortification Techniques of the Dacian Establishments and Fortresses in the Jiu Basin]. *Oltenia* n.s. 1 (1990-95, publ. 1998) pp. 35-53. English summary.

Several discoveries of Greek and Roman coins from the 2nd century B.C. to the 1st century A.D. are noted. (Gh. Poenaru Bordea)

95 GIRARD, R. Le trésor de monnaies gauloises de La Tronche (Isère), 1911. *TM* 16 (1997) pp. 11-14 illus.

Of this hoard of 50-52 Gallic and Massaliot coins discovered in 1911, the Musée Dauphinois currently holds 37, republished by the author. This small group, composed of drachms of the Cavares and Allobroges, and Massaliot obols, may have been buried around the time of the arrival of the Cimbri and the Teutons in 102 B.C. (Michel Amandry)

96 GONNELLA, ROBERT. Ein bisher unbekanntes Bronze-tetradrachmon von Vardanes I. (circa 40-45 n. Chr.). *JNG* 46 (1996) p. 39 ff.

The author publishes the only known bronze tetradrachm of the Parthian kingdom. This issue probably is emergency money struck in a time of military disturbances. Based on this coin, the author concludes that Vardanes' death has to be redated at least 15 months earlier than previously assumed, i.e. from roughly October of A.D. 46 to September of A.D. 47. (Gerd Stumpf)

97 GORINI, GIOVANNI. Novac iz EGINE i Atene iz Arheološkog muzeja u Zadru [Coins from Aegina and Athens from the Archaeological Museum in Zadar]. *Numizmatičke vijesti* 51 (1998) pp. 7-12 illus. English summary.

A collection of 388 ancient Greek coins from the collection of the Archaeological Museum in Zadar was taken by Italian authorities on their 1944 evacuation and is currently in Venice where its publication is being prepared. Five coins from the collection are examined as evidence for 5th century B.C. overland trade links between northern Greece and the eastern Adriatic. These links were first established by Aegina, and were continued by Athens when Aegina came under its domination. One piece (obverse: MET, ear of barley; reverse: intaglio impression of barley ear) is identified as an imitation of a Greek coin, probably made as an ornament.

(Charles B. Smith, Jr.)

98 GRAMATICU, STELUTA. Date noi privind pătrunderea monedelor thasiene în Câmpia Română [New information about the penetration of the Thasos coins in the Romanian plain]. *CercetNum* 7 (1996) pp. 27-31 illus. French summary.

The numismatic collection at the Museum of History and Art in Bucarest contains several lots of Thasos tetradrachms and Roman Republican denarii belonging to hoards from București-Colentina, București-Puișor and Nucii, Vasilați, Ilfov county.

(Constantin Preda)

99 GRAMATICU, STELUTA. Un tezaur de tetradrahme din Thasos și Macedonia Prima descoperit la Silistra [A hoard of tetradrachms from Thasos and Macedonia Prima discovered at Silistra (Dobroudja)]. *CercetNum* 7 (1996) pp. 23-26 illus. French summary.

In the collection of the Museum of History and Art in Bucarest is a lot of 7 coins belonging to the hoard discovered at Silistra. It contains 4 tetradrachms from Thasos and 3 from Macedonia Prima.

(Constantin Preda)

100 HAIMOVICI, SERGIU and VIRGIL MIHĂILESCU-BIRLIBA. Izvoarele numismatice și unele date privind fauna antică din arealul Pontului Euxin [Numismatic sources and results concerning ancient fauna in the region of the Euxine Sea]. *SCN* 11 (1995, publ. 1997) pp. 65-83 illus. German summary.

The author attempts to identify as precisely as possible the animals appearing on coins struck at Panticapaion in the kingdom of the Bosporus, at Olbia, Cerina, Sinde, Tomis, Istros, Theodosia, Byzantion, Ainos, Gorgippia, Tyras, Maroneia, in Thrace and among the Geto-Dacians.

(Gh. Poenaru Bordea)

101 HENRY, ALAN. The Sigma Enigma. *ZPE* 120 (1998) pp. 45-48.

In the discussion of the disappearance of the three-barred sigma in fourth century B.C. Greek epigraphy, the date of the Athenian Coinage Decree is important. Anomalous payments by some poleis of Asia Minor in non-Attic currency, known down to the twenties (pp. 47 ff.), do "not require us to draw the inference that, at the time of such payments, the Decree was not yet in force."

(Hans R. Baldus)

102 HURTER, SILVIA. Lions and lionesses, eagles and a few heads: a new uncertain mint in Caria. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 109-12 illus.

103 INGVALDSEN, HÅKON. Numismatikkens komiske og tragiske sider - pengebenevnelser i gresk diktekunst [The Tragic and Comic sides of

Numismatics - Passages on Coinage and Money in Greek Poetry]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festschrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 48-53 illus. In Norwegian with English summary.

104 JÄGER, ULF. Nochmals zum Buddha von Helgö/Schweden. Ein Dokument zu vorvikingerzeitlichen Handelskontakten nach Zentralasien. *Münstersche Beiträge zur Antiken Handelgeschichte* 17/1 (1998) pp. 90-99 illus. (no coins).

Sasanian coins found in the Mälar-Sea region—and later oriental coins found in Sweden—are mentioned (pp. 91 ff.). (Hans R. Baldus)

105 JOUROUKOVA, JORDANKA. Une nouvelle monnaie d'Agathopolis. *SCN* 11 (1995, publ. 1997) pp. 23-27 illus.

On the basis of a bronze coin (youthful head/owl r. and the legend ΑΓΑΘ) discovered at Achtopol, the ancient city of Agathopolis, in Bulgaria, one can posit the existence of a mint there in the 3rd century B.C. The author discusses the coin types and countermarks of the same time period at Apollonia, Bisanthe and Byzantion, as well as those of the Thracian king Adaeus. (Gh. Poenaru Bordea)

106 KAENEL, GILBERT and ANNE-FRANCINE AUBERSON. Un coin monétaire au Mont Vully (canton de Fribourg). *Archéologie Suisse* 19 (1996) pp. 106-11 illus.

In 1994 a Celtic bronze die was found in the oppidum of Mont Vully (Switzerland). It seems to be a lower die which was fabricated by mechanically reproducing the obverse of a Celtic silver quinarius similar to the Kaletedou-Group.

(Markus Peter)

107 KANDELER, RIKLEF. Das Silphion als Emblem der Aphrodite. Zur Deutung eines Siegelringes aus dem Schatz von Mykene. *Antike Welt* 29/4 (1998) pp. 297-300 illus.

Some Mycenaean seals seem to depict Aphrodite under a plant. This seems to be the famous silphium depicted also on coins from Cyrene.

(Hans R. Baldus)

108 KOLNIKOVÁ, EVA. Zeugnis der Münzfunde über Kontakte des vorrömischen Dakiens mit dem mitteleuropäischen Raum. *SCN* 11 (1995, publ. 1997) pp. 37-53 illus.

The author examines the geographic range of 86 Geto-Dacian coin finds from Hungary, Slovakia, Austria, Poland, the Czech Republic and Germany, found in three zones. Forty date from the middle of the 3rd century to the middle of the 2nd century, and 46 from the middle of the 2nd to the middle of the 1st century B.C. There are 23

types represented, among them imitations of tetradrachms and drachms of Alexander the Great and Philip III, and of the tetradrachms of Thasos and Macedonia Prima. There is also a list of Celtic coin finds in Dacia. (Gh. Poenaru Bordea)

109 LAUBSCHER, HANS PETER. Der schlangenwürgende Herakles. Seine Bedeutung in der Herrscherideologie. *JdAI* 112 (1997, publ. 1998) pp. 149-66 illus.

The paper on Heracles wrestling the serpents and royal or imperial ideology is illustrated by a silver stater of Cyzicus (SYN-series, ca. 394/87 B.C.) and by medals of the House of Habsburg (18th cent.). (Hans R. Baldus)

110 LAZAROV, LATCHEZAR. An interesting autonomous bronze coin of Mesambria. *RBN* 143 (1997) pp. 17-20.

A bronze coin from Mesambria Pontica, depicting a head of Dionysos and a bunch of grapes, is published. The coin belongs to the age of Augustus.

(Johan van Heesch)

111 LEHMANN, STEFAN. Der Thermenherrscher und die Fußspuren der Attaliden. Zur olympischen Statuenbasis des Q. Caec. Metellus Macedonicus. *Nürnberger Blätter zur Archäologie* 13 (1996/97, publ. 1998) pp. 107-30 illus.

The head of the 'Thermenherrscher'-figure (an Attalid prince) is compared with Hellenistic and Roman republican coin portraits. (Hans R. Baldus)

112 LE RIDER, GEORGES. Alexander in Asia Minor. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 49-57.

113 LIAMPI, KATERINI. The coinage of King Derdas and the history of the Elimiot dynasty. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 5-11 illus.

114 MANNSPERGER, DIETRICH and MICHAEL MATZKE. *Sylloge Nummorum Graecorum Deutschland, Münzsammlung der Universität Tübingen, 6. Heft: Phrygien-Kappadokien, Römische Provinzprägungen in Kleinasien (Nr. 3887-4744).* Munich, Hirmer Verlag 1998. vi + 33 pp. illus. ISBN 3-7774-7460-6.

This volume completes the publication of the Greek coins of Asia Minor in the Tübingen University collection. Roman provincial coins of several mints (Ionia, Mysia, etc.)—mainly cistophori—are published at the end of the book.

(Hans R. Baldus)

115 MARTELLA, GINA. L'età protostorica. Società e scambi culturali nel Sud-Piceno (Ricognizioni nell' Ager Hatrianus. Storia, insediamenti ed economia di un territorio, I). Münstersche Beiträge zur Antiken Handelsgeschichte 17/1 (1998) pp. 46-59 illus. (no coins).

A map (pl. VI/fig. 7) and a diagram (fig. 8) are meant to give basic informations about coin hoards and circulation from the 3rd century B.C. to the 5th century A.D.

(Hans R. Baldus)

116 METCALF, WILLIAM E. The 'Ain Tab hoard (IGCH 1542). Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersch* (London, Spink 1998) pp. 59-66.

The author provides a catalogue of 105 posthumous Alexander tetradrachms from a larger hoard deposited in the 2nd century B.C.

(Martin Allen)

117 MILETA, CHRISTIAN. Eumenes III. und die Sklaven. Neue Überlegungen zum Charakter des Aristonikosaufstandes. *Klio* 80 (1998) pp. 47-65.

The revolt of the Pergamene Aristonicus ('king Eumenes III') is seen in the light of recently published inscriptions and cistophori from Thyateira, struck in year 1 of the BASileos - Eymenou.

(Hans R. Baldus)

118 MOUSHEGHIAN, ANAHIT and GEORGES DEPEYROT. *Hellenistic and Roman Armenian Coinage (1st c. BC - 1st c. AD)*. Collection Moneta 15. Wetteren, Belgium 1999. ISBN 90-74623-20-4.

During the first century B.C. and the beginning of the first century A.D., the Armenian kingdom struck silver and bronze coinage. The bulk of this was issues of Tigranes II. He began to strike after his invasion of the Seleucid kingdom and continued producing coins during and after the war against Lucullus and Pompey. His successors continued to strike coins, but the quantities of coins decreased. The last Armenian issues were Roman denarii of the C L CAESARES type. This book presents a new corpus of the Armenian issues of the Hellenistic and Roman periods. More than 2500 coins are catalogued. A new chronology and organization of coinage are presented. The coins are attributed to several mints of Syria and Armenia. The work is preceded by a general survey of the context of the issues and a study of the metrology.

(Authors)

- 119** NICOLET-PIERRE, HÉLÈNE. Or Perse en Grèce: Deux trésors de dariques conservés à Athènes. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 200-8.

The author publishes two hoards of darics currently in the Numismatic Collection in Athens. The first is from ancient Elis from 1918 (*IGCH* 43), the second from Athens ca. 1929 (*IGCH* 32).
(*Mando Oeconomides*)

- 120** NOLLÉ, JOHANNES. Kitanaura. Münzen und Geschichte einer kleinen Stadt in des ostlykischen Bergen. *JNG* 46 (1996) p. 7.

A small hoard of Hellenistic bronze coins found in 1898 near Antalya contains nine pieces of a hitherto unknown mint in addition to known types from Phaselis, Termessus, Perge and Aspendus. The new coins bear the image of the goddess Artemis on the obverse and the representation of a nude god or hero on the reverse. The reverse legend is to be read as KITA. This mint can be identified as the city of Kitanaura in the northeast-Lycian/Pisidian border zone. This city was initially autonomous and was important for its mercantile location. In the first century B.C. it fell under the control of Termessus and the Romans. In Late Antiquity and the early medieval period it was the seat of a bishop but vanished under the Turks. (Author)

- 121** NÜNNERICH-ASMUS, ANNETTE. Die Begegnung mit dem Unbekannten. Zur Ausstellung 'Die Iberer' in der Bonner Kunst- und Ausstellungshalle. *Antike Welt* 29/3 (1998) pp. 241-46 illus.

A coin of Saiti from the National Museum of Archaeology at Madrid (head of Hercules/eagle, ca. 200 B.C.) illustrates the paper.
(*Hans R. Baldus*)

- 122** PAPADIMITRIOU, ANGELOS. Mia proimi chalkini phokiki kopi [An early bronze Phokian issue]. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 225-29.

On the outskirts of the township of Kato Tithorea, Lokris, lie the remains of a Phokian city. The coins published in the present article come from the area of this city. They date exclusively from the 5th and first half of the 4th century B.C. This is the only period for which the ancient sources refer to the city of Pedieis, which is placed by Herodotus between Neon and Elateia, and this adds support to the view that the ruins in question belong to this city. Of the coins published, the bronze coin of Phokis which is illustrated has the same types as obols issued under Philomelos and is similar to obols of the 5th century; it is dated due to the first half of the 4th century B.C. due to the form of the letters. It thus forms a connecting link between the silver issues of the 5th century B.C. and the silver and bronze issues of the Third Sacred War, and is possibly the earliest bronze Phokian issue known. (*Mando Oeconomides*)

- 123** PARISE, NICOLA FRANCO. Era Licinia in Campania. I limiti della documentazione numismatica. *I culti della Campania antica. Atti del*

Convegno Internazionale du Studi in ricordo di Nazarena Valenza Mele, Napoli 15-17 maggio 1995 (Rome, Giorgio Bretschneider editore 1998) pp. 89-96 illus.

124 PARISE, NICOLA FRANCO. *Metrologia numismatica massaliota. Incidenza dell'Antico. Studi in memoria de Ettore Lepore* (Milan, Luciano editore 1996) pp. 313-18.

The author describes an aspect of Massaliot coinage between the 6th and 5th centuries B.C., in particular the instability of its weight standard relative to that of other cities of Sicily and Magna Graecia. (Andrea Carignani)

125 PARISE, NICOLA FRANCO. *Monete di Cirene, siclo "fenicio" e "misure minoiche."* *Studi miscellanei* 29 (Rome, L'Erma di Bretschneider 1995) pp. 243-46.

126 PARISE, NICOLA FRANCO. *Il nuovo catalogo delle Civiche Raccolte numismatiche di Milano.* *Studi miscellanei* 30 (Rome, L'Erma di Bretschneider 1995) pp. 161-65.

This is a critical presentation of the three first volumes of *SNG* for the collection in Rome, published between 1988 and 1990. The first, by R. Martini, B. Fischer and N. Vismara, and the last two by N. Vismara, are devoted to *Hispania-Gallia anellenica*, *Gallia ellenica-guerra sociale* and *Campania-Calabria*, respectively.

(Andrea Carignani)

127 PARZINGER, HERMANN. *Archäologie am Rande der Steppe—Die Eurasien-Abteilung des Deutschen Archäologischen Instituts.* *Antike Welt* 29/2 (1998) pp. 97-108 illus. (no coins).

During the 1993 excavations in Dzandaulat-Tepe (north of Termez in north-western Bactria, i.e. the south-east of modern Uzbekistan), several coins were found: v1 of king Euthydemus, ca. 235-200 B.C.; Kusan and Kusano-Sasanian coins.

(Hans R. Baldus)

128 PETOLESCU, CARMEN MARIA. *Date noi privind tezaurul de monede histriene descoperit la Fedestî, jud. Vaslui* [New information regarding the Histrian coins hoard discovered at Fedestî, Vaslui county]. *CercetNum* 7 (1996) pp. 15-17 illus. French summary.

A lot of 11 Histrian bronze coins was recently discovered at Fedestî (Vaslui county, Moldavia). They bear the head of Apollo. There is also a coin issued by the city of Bottike which allows the author to date the Histrian issues with the head of Apollo to the first quarter of the 4th century B.C.

(Constantin Preda)

129 PETOLESCU, CARMEN MARIA. Observații privind monedele de tip Larissa-Amphipolis descoperite în Dacia [Considerations on the coin type Larissa-Amphipolis discovered in Dacia]. *CercetNum* 7 (1996) pp. 19-21 illus. French summary.

The author argues that the Geto-Dacian coins with the Larissa-Amphipolis type used the image of an anonymous Celtic deity who appeared on a bronze statue discovered at Aventicum as their model. (Constantin Preda)

130 PETRÁNYI, GYULA. On the position of the Aibatios/Chairenos issue in the sequence of Apollonia drachms. *SCN* 11 (1995, publ. 1997) pp. 59-63 illus.

The author proposes to put this issue at the end of the series, preceding the Xenokles/Chairenos issue and in general the drachms which belong to the "drumstick-type" and to the "petal type." (Gh. Poenaru Bordea)

131 PETROVA, ELEONORA. Oktodrahma na pajonskoto pleme Droni vo zbirkata na Muzejot na Makedonija [An octodrachm of the Paeonian tribe of the Derroni in the collection of the Museum of Macedonia]. *Macedonian Numismatic Journal* 1 (1994) pp. 9-19 illus. English summary.

The author examines an extremely rare octodrachm of the Derrones found near Kumanovo and recently acquired by the Museum of Macedonia. Of 33.51 gms. weight and 32 mm. diameter, the coin shows on the obverse a rather schematic yoked ox and cart, and on the reverse a triskeles and winged horse. (Charles B. Smith, Jr.)

132 POPESCU, A. and ION MANUELA. Alte monede grecești și romane din tezaurul descoperit la Zimnicea, jud. Teleorman [New Greek and Roman coins from the hoard discovered at Zimnicea, Teleorman county]. *CercetNum* 7 (1996) pp. 35-37 illus. English summary.

Six Dyrrhachium drachms and five Roman Republican denarii were recently found, belonging to a hoard discovered in 1991 at Zimnicea. Previous finds had included 11 Dyrrhachium drachms and 10 Roman Republican denarii.

(Constantin Preda)

133 PREDA, CONSTANTIN. *Istoria Monedei în Dacia Preromană. Colecția "Biblioteca Băncii Naționale."* Bucurest, Editura Enciclopedică 1998. 376 pp. illus. French summary. ISBN 973-45-0229-8.

This book contains all coin types from pre-Roman Dacia with a short historical overview, numismatic commentary and list of finds. In chronological order, the author presents the coins of the Greek cities of Western Pontus (Istros, Tomis Kallatis); those of the Scythian kings from Dobroudja; issues of the Macedonian kings Philip II and Alexander the Great; Lysimachus; Geto-Dacian and Celtic coins; tetradrachms of

Macedonia Prima and Thasos; drachms from Apollonia and Dyrrhachium; Roman Republican and imperial coins. The work also contains illustrations and 25 maps of coin finds. (Author)

134 RAHMOUNI, LOTFI. Le monnayage de la Cyrénaïque. Collection du Musée National du Bardo. *Africa* 14 (1996) pp. 13-35.

The author publishes 35 coins of Cyrene from 480 to 277 B.C. and Roman Cyrenaica from 67 to 27 B.C., plus 5 coins of Syrtica (Lepcis Magna) from the 2nd-1st centuries B.C. The provenance of these coins is unclear. (Khaled Ben Romdhane)

135 RODRIGUEZ CASANOVA, I. La moneda greco-imperial de Alejandria en el MAN. *Numisma* 240 (1997) pp. 45-84.

136 RONEN, Y. The Weight Standards of the Judean Coinage in the Late Persian and Early Ptolemaic Period. *NearEast Arch* 61 no. 2 (June 1998) pp. 122-26 illus.

On the basis of weight analyses the author attributes the Yehud coins of Athenian type and those bearing a Persian king's head to the Persian period and as based on a shekel (11.4 gm) equal to 24 Gerah standard, suitable for payment of the annual poll tax to the temple in Jerusalem. While the Athenian type represents a gerah (0.48 gm), the Persian king type is a 1/2 gerah (0.24 gm.). By contrast, the other Yehud types belong to the Ptolemaic period and constitute fractions of an obol based on the Athenian standard. (Arnold Spaer)

137 SALINAS CONCHA, FRANCISCO. El Retrato en la Moneda Griega. *Medallas* 1 (November 1994) pp. 14-15 illus.

The author discusses some portrait coins of ancient Greece, of which nine are illustrated. (Wolfgang Bertsch)

138 ŠELDAROV, NIKOLA. Hellenistic Coin Hoard from Isar-Marvinci [Helenistički zbiren naod od Isar-Marvinci]. *Macedonian Numismatic Journal* 2 (1996) pp. 41-47 illus. Macedonian summary.

The author describes the preserved part of a hoard discovered before February 1994. Included among 20 bronze coins were 18 of Philip V of Macedon, one anonymous issue, and one illegible coin. The first 18 pieces are of four types dated by Touratsoglou to 183-179 B.C., a dating which appears to be confirmed by this hoard. The anonymous issue, a Hercules/horse type inscribed MAKEDONON, from the Amphipolis mint and usually attributed to Philip V or Perseus, is here dated by the author to 187-179 B.C., during the reign of Philip V. (Charles B. Smith, Jr.)

139 SOKOLOVSKA, VIKTORIJA. Sončevi simboli na pajonskite moneti [Solar symbols on Paeonian coins]. *Macedonian Numismatic Journal* 1 (1994) pp. 21-26 illus. English summary.

Varieties of solar symbolism on early Paeonian coins of the Derrones and town of Ichnae, and various proposals for dating them, are examined. (Charles B. Smith, Jr.)

140 SPAER, ARNOLD. Two hoards of minor silver. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 103-7 illus.

The author provides a catalogue of two parcels of Greek fractional coins obtained from dealers in Jerusalem. Most of the seven coins in "hoard 1" belonged to the Alexander type, and "hoard 2" predominantly consisted of fractions of lion staters.

(Martin Allen)

141 STÖLLNER, THOMAS and ANTONIO TADIC. Eine griechische Münze vom Dürrnberg bei Hallein, Land Salzburg. *Germania* 76/1 (1998) pp. 304-10 illus.

The authors publish a silver obol struck at Massalia and found in 1995 in Austria: youthful male head r./wheel with MA; late 5th-early 4th cent. B.C.? To date this specimen is the earliest coin from the place.

(Hans R. Baldus)

142 TAKACS, MATILDA and MARIA BOGDAN. O nouă tetradrahmă de argint de la Aiud [A new silver tetradrachm from Aiud]. *Apulum* 34 (1997) pp. 93-95 illus. English summary.

The authors publish an imitation of a tetradrachm of Philip II discovered in 1993 near the city center.

(Gh. Poenaru Bordea)

143 TALMATCHI, GABRIEL. Din nou despre circulația monetară antică în zona Floriile-Adâncata (jud. Constanța) [Once more on ancient coin circulation in the region of Floriile-Adâncata (county Constanța)]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 261-66 illus. French summary.

144 TOURATSOGLU, YANNIS. Back to the Future: Alexander the Great's silver and gold in the Balkans. The hoard evidence. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 71-101.

145 TROXELL, HYL A. Ants and Eagles: Some late Alexander staters from Amphipolis. Andrew Burnett, Ute Wartenberg and Richard Witschonke,

Coins of Macedonia and Rome: Essays in Honour of Charles Hersh (London, Spink 1998) pp. 67-70 illus.

146 VANDERLEYDEN, R. Geld en handel in de oudste beschavingen: Mesopotamië [Money and trade in Mesopotamia]. *JEGMP* (1995-1996) pp. 51-82.

147 VILLARONGA, L. Dracmes ibériques d'ERU. *Arse* 28-29 (1994) pp. 147-54.

148 VILLARONGA, L. La modificació del cap del pegàs a les dracmes emporitanes. *Acta Num* 27 (1997) pp. 27-35.

149 VINOGRADOV, JURIJ G. and ANNA S. RUSJAEVA. Phantasmagica Olbiopolitana. *ZPE* 121 (1998) pp. 153-64 illus.

The sketched head of Athena, combined with a dolphin, on a magical ostrakon from Olbia Pontica seems to be influenced by the obv. of 5th century B.C. bronze coins of that polis.
(Hans R. Baldus)

150 VISONÀ, PAOLO. Un bronzo attribuibile a Tolomeo IV da Este. *Annotazioni Numismatiche* 7 ser. 2 no. 28 (December 1997) pp. 633-34 illus.

A bronze coin possibly minted by Ptolemy IV Philopator (221-205 B.C.) in the collection of Este's Museo Nazionale Atestino is presumed to have been found locally.
(Author)

151 WALTER-KARYDI, ELENA. Skylla. Bilder und Aspekte des Mischwesens. *JdAI* 112 (1997, publ. 1998) pp. 167-89 illus.

Among other works of art, a 5th century B.C. coin of Akragas with Scylla is shown.
(Hans R. Baldus)

152 WARTENBERG, UTE. Philotas? A new coinage from Macedonia. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 13-17 illus.

153 WESTERMARK, ULLA. On the Pergamene bronze coins in the name of Athena Nikephoros. *SCN* 11 (1995, publ. 1997) pp. 29-35 illus.

The author defines five typological series with two nominal values and discusses the chronology, function and metrology in relation to the monetary reform of Eumenes II and the cistophoric system.
(Gh. Poenaru Bordea)

154 ZIEGAUS, BERNWARD. Ungewöhnliche Funde der späten Hallstattzeit aus dem Voralpenland: Die Münze. *Germania* 76/1 (1998) pp. 291-95 illus.

Among objects from the late Hallstatt and the Latène period found in 1995 near Nussdorf (in the vicinity of the Bavarian Chiemsee) was a silver tritartemoron of the Auriol type (ram's head l./incuse cross-ornament) which is described and illustrated. The coin was struck in southern France or in Spain before 470 B.C. (*Hans R. Baldus*)

For additional references to Greek numismatics, see the following abstracts:

General, no. 36

Technology and Methodology, no. 66

Roman, nos. 161, 169, 218, 267, 304.

ROMAN

155 AGALLOPOULOU, PENELOPE. Thesavros argiron romaikon dinarion. Apo tis anaskafes tou Oropou (1984) [A Flavian hoard from Oropos]. *Volume in Honor of Mando Oeconomides "XAPAKTHP"* (Athens 1996) pp. 29-33.

This small hoard was found during excavations at Oropos (north coast of Attica) in 1984. It consists of seven denarii ranging from 82 B.C. to A.D. 81 and is so far the first Roman hoard of the first century A.D. to be recorded from Attica. Comparison is made with another—much bigger—Flavian hoard found during excavations at Patras (Colonia Augusta Achaica Patrensis) in 1971. The Patras hoard consists of 327 denarii and two aurei, ranging from 81 B.C. to A.D. 95/96. (*Mando Oeconomides*)

156 ALBEROLA, A. and J.M. ABASCAL. *Moneda antigua y vida económica en las comarcas del Vinalopó* *Estudis Numismàtics Valenciana* 9. Valencia, Generalitat Valenciana 1998. 268 pp.

157 ALTERI, GIANCARLO. *Il Tesoretto dell'Aventino. Catalogo della Mostra, Vicenzaoro 13-18 giugno 1998*. Rome, Biblioteca Apostolica Vaticana/Ente Fiera di Vicenza 1998. 48 pp. illus.

The author publishes a hoard of gold coins found in an amphora in 1825 on the Aventine, currently in the Musei della Biblioteca Apostolica Vaticana. Among the coins are some attributable to emperors of the mid-3rd century A.D. (Philip I, Philip Caesar and Trebonius Gallus). The author proposes a chronology between the middle of the 3rd century and the first decade of the fourth century. (*Andrea Carignani*)

158 AMANDRY, MICHEL. The coinage of Bibulus again. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 185-88 illus.

This is a discussion of the coinage of L. Calpurnius Bibulus, one of the "fleet prefects" of Marc Antony. (Martin Allen)

159 AMANDRY, M. and R. ROYET. Le dépôt valentinien de Dardilly (Rhône), 1991. *TM* 16 (1997) pp. 129-39 illus.

Archaeological investigations to examine a several hundred meter fragment of the Gallo-Roman aqueduct of Brévenne revealed 251 bronze coins of the 4th century with one Republican denarius. The terminus of this deposit is established by a coin of Lyon ca. 374. (Michel Amandry)

160 AMANDRY, M. and J. SERRALONGUE. Le dépôt valentinien du "Charles-Albert" à Annecy (Haute-Savoie), 1986. *TM* 16 (1997) pp. 141-45 illus.

This excavation involved four *insulae* surrounded by city walls. One of the structures has been identified as a large industrial building, a smoking shed or drying shed for meat. A hoard of 67 bronzes of the 4th century, possibly contained in a small wooden chest, was found in a hearth outside the building that fed the furnace. The terminus of this deposit is dated to 375 based on coins of Lyon. (Michel Amandry)

161 AMANDRY, M., with M. DHÉNIN and D. GRICOURT. Les monnaies. P. Aupert, *Les thermes d'Évreux. Site du Centre Hospitalier. Fouilles de 1993, Documents archéologiques de l'Ouest* (1997) pp. 107-9.

The authors publish 30 coins found during excavations in 1993, 5 Gallic and 25 Roman pieces which range from Augustus to Postumus. (Michel Amandry)

162 AMANDRY, M. Le monnayage de la Res Publica Coloniae Philippensium. U. Peter, ed., *Stephanos nomismatikos Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 23-31.

The mysterious coins in the names of Divus Augustus, Trajan and Marcus Aurelius marked RPCP is attributed to the Res Publica Coloniae Philippensium and dated to the 3rd century A.D., perhaps to the reign of Gallienus. (Author)

163 AMANDRY, M. and B. RÉMY. *Pontica II. Les monnaies de l'atelier de Sebastopolis du Pont*. *Varia Anatolica* 10. IFEA 1998. 63 pp. illus.

The body of coinage struck at Sebastopolis between the reigns of Trajan and Gallienus is published. The work includes 137 coins from private and public collections and auction catalogues. (Michel Amandry)

164 AMANDRY, M. and D. HOLLARD. Le trésor de bronzes romains de Plaisians (Drôme). *TM* 16 (1997) pp. 21-23 illus.

Emergency excavation at Plaisians, at the place called "Les Esparans," revealed a modest hoard which was found inside a Gallo-Roman villa destroyed by fire. The identified coins (48 of the 50) cover a chronological range from Trajan to Trajan Decius (A.D. 249-51). The latest is a sestertius of Decius. The violent destruction of the abode can be related to the massive incursions of the Alamanni in 259/60.

(Michel Amandry)

165 ARDOVINO, ANGELO M. Presentazione di: Maila Chiaravalle: Le monete romano repubblicane nelle collezioni civiche di Varese, Varese 1994. *Le collezioni numismatiche: conservazione e valorizzazione, Atti della giornata di studi, Varese, Musei Civici di Villa Mirabello, 31 marzo 1995* (Varese, Regione Lombardia, Servizio Musei e Beni Culturali 1996) pp. 1-5.

This is a complete commentary on Chiaravalle's work dedicated to the Republican period, the first of a series of publications to cover the rich collection of the Museo di Varese.

(Andrea Carignani)

166 ARIEL, D.T. Addendum: Coins from caves A and B in Hurfeish. *Burial Caves of the Roman and Byzantine Periods in Western Galilee. Atiqot* 33 (1997) pp. 35-37. In Hebrew with English abstract.

In this section of M. Aviam and Y. Gorin-Rosen's chapter, "Three Burial Caves from the Roman Period at Hurfeish," the author lists and illustrates five Greek imperials: two from Tyre and two from Caesarea, plus one from Ake-Ptolemaïs.

(Arnold Spaer)

167 ARIEL, D.T. The Coins from the Burial Cave. *Burial Caves of the Roman and Byzantine Periods in Western Galilee. Atiqot* 33 (1997) pp. 56-57. In Hebrew with English abstract.

In this section of H. Smithline's chapter, "Three Burial Caves from the Roman Period in Asherat," the author lists and illustrates seven Greek imperials: three of Tyre, two of Ake-Ptolemaïs; two Roman provincials, and an antoninianus of Gallienus.

(Arnold Spaer)

168 ARIEL, D.T. Coins. *Burial Caves of the Roman and Byzantine Periods in Western Galilee. Atiqot* 33 (1997) pp. 99-100. In Hebrew with English abstract.

This is a listing and partial illustration of 21 Roman copper coins dating to the second half of the 4th century A.D. This writeup is part of M. Aviam and E.J. Stern's chapter, "Burial Caves near Kh. Sugar," pp. 89-102. (Arnold Spaer)

169 ARIEL, D.T. Coins from the Survey and Excavations at Horvat Hermeshit (1988-1990). *Atiqot* 34 (1998) pp. 1*-4*.

This is a listing and partial illustration of 20 copper and two silver stray finds: three of Antiochus IV; 5 Hasmonean, a silver didrachm dated 172 of Tyre, one of the First Jewish War, eight 4th and 5th century A.D. Roman issues, three Umayyad and Abassid coins, and an Ottoman silver coin of 1839 A.D. (Arnold Spaer)

170 ARIEL, D.T. The Numismatic Material. *Industrial and Agricultural Installations*. *Atiqot* 34 (1998) p. 12. In Hebrew with English abstract.

Two of the five coins found were unidentifiable. The others are late Roman issues, two of them of Arcadius. (This is part of H. Ben David's article, "Oil Presses and Oil Production in the Golan in the Mishnaic and Talmudic Periods" on pp. 1-61. (Arnold Spaer)

171 AUDRA, A. Le dépôt monétaire de Seyssel (Haute-Savoie): 188 sesterces et sous-multiples de la fin du règne de Marc Aurèle. *TM* 16 (1997) pp. 15-20 illus.

At the confluence of the Rhone and the Fier, the site of Seyssel, probably identifiable as the station of *Condote* on the Lyon-Geneva road, has revealed a coin hoard whose chronological range extends from Domitian to Marcus Aurelius (A.D. 81-96 to 177). The proportion of fractional coins (approximately 20%) attests to a circulation in the 2nd century and the burial of the hoard, contained in an ordinary ceramic vase, is probably contemporaneous with the latest coins. (Michel Amandry)

172 AYALON, E. Ancient Kefar Sava in the Light of Recent Excavations. *Industrial and Agricultural Installations*. *Atiqot* 34 (1998) pp. 107-20. In Hebrew with English abstract.

On p. 116 the two copper coins found are described; one is an unidentifiable 4th-century A.D. issue, the second a follis of Justinian I from Constantinople. (Arnold Spaer)

173 BACKENDORF, DIRK. *Römische Münzschatze des zweiten und ersten Jahrhunderts v. Chr. vom italienischen Festland*. Studien zu Fundmünzen der Antike (SFMA) Band 13. Berlin, Gebr. Mann 1998. 563 pp., one map. ISBN 3-7861-1946-5. Italian summary.

This is a monograph (originally a University of Frankfurt/M. dissertation) on 2nd and 1st century B.C. Roman coin hoards from Italy, the islands excluded.

(Hans R. Baldus)

174 BAGI, ELENA. Atraversando el Espejo. Las asambleas romanas a través de imagenes monetarias de los siglos II-I a.C. *RIN* 99 (1998) pp. 89-112 illus.

The author underscores the importance of the role of images on Roman coinage. The author concentrates on representations of the *tresviri monetales* in the 2nd-1st centuries B.C.

(Andrea Carignani)

175 BAKHOUM, SOHEIR. Les thèmes monétaires des Flaviens à Alexandrie. *RIN* 99 (1998) pp. 175-94 illus.

Through the study of iconography adopted by the Flavians in their issues of Alexandria, the author reconstructs the religious and cultural history of the province in the last third of the 1st century A.D.

(Andrea Carignani)

176 BANNING, EDWARD B. Numismatic Horoscopes. *The Anvil* 7 no. 6 (1997) pp. 49-50.

Zodiacal signs and signs of the planets are found on coins from the mid-2nd century B.C. to the 3rd century A.D. A denarius of Augustus with the inscription DIVVS IVLIVS struck about 25 B.C. depicts a comet thought to relate to the one seen shortly after Julius Caesar's assassination. Astrology in Egypt was particularly well-developed. As an example, the remarkable series of astrological drachms issued by Antoninus Pius is described.

(Robert I. Gait)

177 BARELLO, FEDERICO. La documentazione numismatica. Fedora Filippi, *Alba Pompeia. Archeologia della città dalla fondazione alla tarda antichità* (Cuneo, Famija Albeisa 1997) pp. 549-68 illus.

The author studies coin circulation in the area of *Alba Pompeia*, currently Alba in Piedmont, between the end of the 2nd century B.C. and the 5th century A.D. The evidence consists of 143 examples from excavations and chance finds and from the collection of the local Museo Civico.

(Andrea Carignani)

178 BECKMANN, MARTIN. Ancient Coins from Shipwrecks. *The Anvil* 8 no. 2 (1998) pp. 19-21, 23.

The article surveys ancient shipwrecks known to date (estimated at about 1300 in 1990). This number continues to increase rapidly as modern sensing and diving techniques are improved. Most of the ancient wrecks date between 200 B.C. and A.D. 400, and the coins found in them vary from "a good luck" coin placed in the mast-step to large amounts of coins being shipped to Rome, presumably as tribute

payment from the provinces. Hoards of gold coins may represent the holdings of a wealthy traveler. Relatively few discoveries have been systematically studied and many have been looted.
(Robert I. Gait)

179 BECKMANN, MARTIN. Buried Treasure: Old and New. *The Anvil* 7 no. 6 (1997) pp. 65, 67, 69, 70.

Quotes from the laws pertaining to the discovery of treasure from Hadrian to modern times are discussed. The fact that such laws existed in Roman times implies that finding buried treasure was not unusual and that certain people were purposely engaged in finding such treasure. It is estimated that most of the coins on the current market were found by metal detectors over the past 30 years. A summary of The Treasure Act of 1996, Code of Practice (England and Wales), published by the Department of National Heritage, London, 1997, concludes the article.

(Robert I. Gait)

180 BENDALA GALÁN, MANUEL, et al. La villa romana de "El Saucedo" (Talavera la Nueva, Toledo). *MDAI(M)* 39 (1998) pp. 298-310 illus. In Spanish with German abstract.

Six 4th-century coins (and earlier Roman imperial ones) were found during the excavations, two of them (follis of Constantine I; AE 2 of Decentius Caesar, not Magnus Maximus) are illustrated.

(Hans R. Baldus)

181 BERNARDELLI, ARMANDO. *Ritrovamenti monetali di età romana nel Veneto. Provincia di Vicenza. Bassano.* Padua, Esedra editrice 1997. 345 pp. illus.

182 BIENAIMÉ, J. La sépulture collective gallo-romaine 32 de la nécropole de "La Perrière" à Saint-Benoît-sur-Seine (Aube). *Bull. Soc. arch. Champenoise* 90 no. 2 (1997) pp. 37-49.

In this tomb containing six skeletons, one of the bodies is accompanied by numismatic material: 12 coins were grouped around the bones. Their chronological range extends from the reign of Augustus (dupondius of Mines from group II [7-3 B.C.]) to that of Valerian/Gallienus. Most of the pieces date to the 2nd century (sestertii of Hadrian, Marcus Aurelius and Faustina II).

(Michel Amandry)

183 BIJOVSKY, G. The Coins. *Burial Caves of the Roman and Byzantine Periods in Western Galilee.* *Atiqot* 33 (1997) pp. 7-8 and 16-17. In Hebrew with English abstract.

Coin finds in burial caves near Kabri (described by E.J. Stern and Y. Gorin-Rosen on pp. 1-23) included a coin of Agrippa II (*RPC* I no. 4846), two Greek

imperial issues, a Roman issue of Antoninus Pius from A.D. 154/5 and 4th-century A.D. Roman issues. (Arnold Spaer)

184 BIJOVSKY, G. The Coins. *Burial Caves of the Roman and Byzantine Periods in Western Galilee. Atiqot* 33 (1997) pp. 43-46. In Hebrew with English abstract.

Part of H. Abu Uqsa's chapter, "A Burial Cave from the Roman Period East of Giv'at Yasaf" on pp. 39-46, this article lists and partially illustrates 9 Greek imperials: one of Dardanus (Troas), one of Caesarea in Lebanon, two of Tyre, four of Ake-Ptolemais, and one Roman provincial piece. (Arnold Spaer)

185 BIJOVSKY, G. Coins. *Burial Caves of the Roman and Byzantine Periods in Western Galilee. Atiqot* 33 (1997) pp. 86-87. In Hebrew with English abstract.

In this section of L. Porat's chapter, "Quarry and Burial Caves at Kh. Kenes (Carmel)," the author lists and partially illustrates 12 Roman copper coins from Probus to Constantine I. (Arnold Spaer)

186 BIJOVSKY, G. Coins. *Burial Caves of the Roman and Byzantine Periods in Western Galilee. Atiqot* 33 (1997) pp. 129-31. In Hebrew with English abstract.

Out of 23 Roman copper coins found, 15 are catalogued. They range from A.D. 316-423. This publication is part of E.Y. Stern's chapter, "Burial Caves at Kisra" on pp. 103-35. (Arnold Spaer)

187 BIJOVSKY, G. The Gush Halav Hoard Reconsidered. *Atiqot* 35 (1998) pp. 77-108 illus.

During excavation of a synagogue at this site about 8 km. northwest of Safed 1953 minimi were found in a broken cooking pot. The hoard probably is a charity pot containing donations to the synagogue. Its total purchasing power is estimated as the price of 25 loaves of bread. Four hundred of the coins were cleaned and identified. They are listed and partially illustrated. Six coins precede the 4th century A.D. but they fit by size and appearance into the bulk of the hoard coins, which cover the period from A.D. 330-551, when the synagogue was destroyed by earthquake. They include Vandalic issues from Carthage, an Ostrogothic issue of Baduila (A.D. 549-52), and Egyptian imitations of Axumite coins issued to pilgrims. In an appendix, Vandalic issues, coins of Justinian I from North Africa, Ostrogothic and Axumite issues found in Israel are listed. (Arnold Spaer)

188 BIJOVSKY, G. The Numismatic Material. *Industrial and Agricultural Installations. Atiqot* 34 (1998) pp. 189-90. In Hebrew with English abstract.

This is a listing and partial illustration of four out of the 14 copper coins found, namely two of Alexander Jannaeus, one 4th-century A.D. Roman, a Venetian issue of Nicolo da Punta (1578-85) and five Islamic issues including two Mamluke and two Ottoman pieces. This is part of S. Weksler's article, "Bdolah, Installations and Rock Cuttings at Giloh, Jerusalem" on pp. 179-93. (Arnold Spaer)

189 BOMPAIRE, M. and D. HOLLARD. Le trésor de Brézins (Isère) et les premières émissions de Claude II à Rome et à Milan. *TM* 16 (1997) pp. 35-68 illus.

A chance discovery in a ceramic vase revealed a lead plaque without archaeological context. The find consisted of 1918 antoniniani with a narrow chronological range (A.D. 253-69). The presence of 973 antoniniani of Claudius II, divided between mints of Rome and Milan, with many die links, allows the authors to assign the first issues of Claudius II to those two cities. (Michel Amandry)

190 BOTT, SASKIA and CATTELAÏN, PIERRE. Viroinval/Treignes: recherches récentes dans la villa gallo-romaine des "Bruyères." *Chronique de l'archéologie wallonne* 4-5 (1996-1997) pp. 185-86.

An aureus of Claudius (7.72 gm.; 6 h; *RIC* 80), found during excavations at the Roman villa of Treignes (Belgium) is illustrated and described. (Johan van Heesch)

191 BREM, HANSJÖRG, SUSANNE FREY-KUPPER, BETTINA HEDINGER, FRANZ E. KOENIG and MARKUS PETER. À la recherche des monnaies "perdues." Zum Münzumlauf im späten 3. Jh. n. Chr. *Jahrbuch der Schweizerischen Gesellschaft für Ur- und Frühgeschichte* 79 (1996) pp. 209-15 illus.

The authors point to some general phenomena of late 3rd century A.D. coin circulation and underscore the problems of archaeological dating based on numismatic evidence in contexts of these troubled years. (Markus Peter)

192 BURNETT, ANDREW. The coinage of the Social War. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 165-72 illus.

193 CALLATAÿ, FRANÇOIS DE. The coins in the name of Sura. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of*

Macedonia and Rome: Essays in Honour of Charles Hersh (London, Spink 1998) pp. 113-17 illus.

The author discusses coins produced for Q. Bruttius Sura in Macedonia during the First Mithridatic War.
(Martin Allen)

194 CALLU, J.-P. Dives Anagnia: Servius et Marc Antoine. *SCN* 11 (1995, publ. 1997) pp. 103-6.

The author concludes that Servius in his commentary on the Aeneid of Virgil was mistaken in attributing to Cleopatra an issue of aurei of Marc Antony. The coins struck in 39 and 38 B.C. in this workshop were struck at Anagni, after the reconciliation of Brindisium, and bear on the reverse the portrait of Octavian, identified as such by F. Lenormant in 1878.
(Gh. Poenaru Bordea)

195 CAMILLI, LUCIANO. Le monete. L. Brecciaroli Taborelli *et al.*, Jesi (Ancona). L'officina ceramica di Aesis (III sec. a.C. - I sec. d.C.). *NScavAnt* s. 9, 7-8 (1996-97, publ. 1998) pp. 269-77 illus.

The author publishes 83 coins from excavations at a ceramic workshop at Jesi in Marche. They range from a nummus from 217 B.C. to a half-siliqua of Justinian I from A.D. 540-65. The majority of the pieces fall into two groups: Republican issues of the 3rd-1st centuries B.C. and late imperial coins.
(Andrea Carignani)

196 CATALLI, FIORENZO. Monete e *aes rude*. Richard E. Linington and Francesca R. Serra Ridgway, *Lo scavo nel fondo Scataglini a Tarquinia*, Comune di Milano, Settore Cultura e Spettacolo. Raccolte archeologiche e numismatiche I-II (Milan 1997) pp. 307-8.

The author publishes coins found in excavations of a necropolis in Tarquinia. There are coins of Rome from the prow series, coins of Magna Graecia and Sicily, an Augustan as from the mint of Rome and some fragments of *aes rude*.

(Andrea Carignani)

197 CHRISTIANSEN, ERIK. Tusindvis af alexandriske mønters vej fra Cairo via London til Toronto [Thousands of Alexandrian Coins from Cairo via London to Toronto]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 24-25. In Danish.

198 CIOBANU, RADU and NICOLAE ROEAN. Raport preliminar privind cercetările arheologice de salvare din Dealul Furcilor—Alba Iulia. Campania 1995 (1) [Preliminary report on the rescue excavations of Dealul Furcilor—Alba Iulia. 1995 Season (1)]. *Apulum* 34 (1997) pp. 177-96 illus. French summary.

Coins of Hadrian (2), Antoninus Pius (3), Faustina (1), Julia Domna (2) and one other that is not identified (pp. 183-85) are mentioned in relation to earlier finds (more common for the period from Hadrian to Antoninus Pius and the end of the Severan period) in the area of the 13th Gemina legion, later Municipium Septimium Apulensis, then Colonia Nova Apulensis. (Gh. Poenaru Bordea)

199 DAHMEN, KARSTEN. Ein Loblied auf den schönen Kaiser. Zur möglichen Deutung der mit Nero-Münzen verzierten römischen Dosenspiegel. *AA* 1998/2 (1998) pp. 319-45 illus.

A group of Roman bronze mirrors (looking like a flat round box made of two halves) in later Neronian times was decorated with portraits of the emperor, and reverse types taken (or copied) from coins. As most of the coins were struck at Lugdunum, these mirrors seem to be of Gallic origin, i.e. Lyon. On the basis of an up-to-date collection of the relevant material the author tries to explain the phenomenon. (Hans R. Baldus)

200 DI STEFANO, GIOVANNI, MASSIMO ODDONE and ADRIANO SAVIO. I presi-campione romani ritrovati nelle acque di Camarina. *RIN* 99 (1998) pp. 195-211 illus.

The authors publish seven lead objects found in Sicily in 1993. These pieces correspond to the Roman weight standard and can be assigned to the imperial period, probably second century A.D. (Andrea Carignani)

201 DOPPLER, HUGO. Münzen. H. Koller and C. Doswald, *Aquae Helveticae—Baden. Die Grabungen Baden Du Parc 1987/88 und ABB 1988, Veröffentlichungen der Gesellschaft pro Vindonissa XIII* (Baden 1996) pp. 193-201.

This is a catalogue and short commentary on 274 Roman coins found at the Roman *vicus* Aquae Helveticae, mainly representing the circulation of the first century A.D. A small hoard—probably a lost purse—consists of 2 Republican asses and 7 republican denarii. (Markus Peter)

202 ESTIOT, S. Le trésor de Saint-Maurice-de-Gourdans—Pollet (Ain), 1 272 antoniniens stratigraphiés. *TM* 16 (1997) pp. 69-127 illus.

Discovered in a bronze pitcher studied by G. Vichard on pp. 91-912, the hoard is composed of 1272 antoniniani and aureliani arranged in horizontal strata. The chronological range extends from Philip (244-49) to the reign of Carus and his family (282-85). The lower region of the container reflects coin circulation ca. 281. The middle zone reveals the sharp reduction ca. 281-83 of Gallic coinage. Finally, the upper region displays coinage struck after 274. (Michel Amandry)

203 FIGUEROLA, MIGUEL. Costantino COS. IIII. Una nota numismatic. *RIN* 99 (1998) pp. 239-49 illus.

The author publishes a follis of Constantine issued by the mint of Lugdunum in 315-16 bearing the laureate bust of the emperor on the obverse and the radiate sun with chlamys and globe on the reverse.
(Andrea Carignani)

204 FIOCCHI-NICOLAI, VICENZO. Frühes Christentum bei "Domine quo vadis." Die neugefundene frühchristliche Umgangsbasilika an der via Ardentina zu Rom. *Antike Welt* 29/4 (1998) pp. 305-10 illus.

During the excavations of the basilica and in the necropolis surrounding it many coins (4th and 5th? centuries A.D.) were found.
(Hans R. Baldus)

205 FORREST, BOB. A Ubiquitous Fake. *CCS* 2 no. 1 (March 1997) pp. 3-5 illus.

A pseudo-Roman coin of Lucius Verus that the author has seen in a dozen or more places is described and traced to an earlier replica dating from the 17th century. The pieces now seem to be originating in Turkey as tourist trinkets.
(Joseph E. Boling)

206 FREEMAN, ROBERT D. A group of Eravrian denarii. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 189-91 illus.

207 FUSI ROSSETTI, ANTONGIULIO. Osservazioni sulle ricerche della prima monetazione romana. *RIN* 99 (1998) pp. 29-37 illus.

The author comments on the main unresolved issues in the definition of the first Republican coinage.
(Andrea Carignani)

208 GATEA, DELIA. Considerații statistice asupra utilizării unor simboluri și teme monetare în Imperiul roman [Statistical Remarks on the use of some symbols and representations on the coinage of the Late Roman Empire]. *CercetNum* 7 (1996) pp. 75-84. English summary.

The author comments on the statistical evidence of several symbols (diadem, globe and cross) which appear on coins struck between A.D. 264 and 294.
(Constantin Preda)

209 GETZOV, N., D. AVSHALOM-GORNI and A. MUQARI. Installations and Tombs near El-Mudeidil. *Industrial and Agricultural*

Installations. Atiqot 34 (1998) pp. 195-207. In Hebrew with English abstract.

On p. 206 the two coins found are described. They are Roman coppers of the end of the 4th century A.D. (Arnold Spaer)

210 GIARD, J.-B. *Bibliothèque nationale de France. Catalogue des monnaies de l'Empire romain. III. Du soulèvement de 68 après J.-C. à Nerva.* Paris, BnF/Poinsignon Numismatique 1998. 380 pp. illus.

The new catalogue of the collection includes approximately 2500 pieces which are described and illustrated. (Michel Amandry)

211 GITLER, H. and M. PONTING. An Assemblage of "Official" Cast Severan Denarii from the Levant. *Archaeology and Natural Sciences Bulletin* 6 (July 1998) pp. 9-21. In Hebrew.

The assemblage includes 21 cast "denarii," whose molds were made from official Roman denarii minted during the reign of Septimius Severus. This find, which has a Near Eastern provenance, includes 8 different types of coins of Severus, Julia Domna, Caracalla and Geta. From four of these types we have silver-alloy coins, as well as the same coin in copper; of the other four coins there are only copper examples. In addition to the coins, the assemblage includes pieces of production refuse, a "branch" with an attached coin, several other "branches," two "puddles" and a *riser*. From the metallurgic analyses that were carried out, it is evident that the workshop that produced the silver denarii of this assemblage invested in each coin ca. 1.54 gm. of silver, which is essentially the same as that apparently required by the official mint. On the basis of this, the authors propose that these coins were official issues and not forgeries. (H. Gitler)

212 GMYREK, CAROLA. *Römische Kaiser und griechische Göttin. Die religiös-politische Funktion der Athena/Minerva in der Selbst- und Reichsdarstellung der römischen Kaiser. Nomismata, Historisch-numismatische Forschungen* Band 2. Milan, Edizioni ennerre S.r.l. 1998. 239 pp. illus. ISBN 88-87235-00-7.

The author discusses Minerva, her statues, sanctuaries and attributes on Roman imperial coins and medallions. (Hans R. Baldus)

213 GURNET, FRANÇOIS. A propos d'une émission sassanide "oubliée" de Varhran V. *CENB* 34 (197) pp. 7-14.

214 GYSEN, PHILIPPE. Deux antoniniens inédits de Lyon aux noms de Probus et de Carus. *CENB* 34 (1997) pp. 15-17.

215 GYSEN, PHILIPPE. Légende d'avvers inédite d'antoniniens de Cyzique pour Probus en 281. *CENB* 34 (1997) pp. 55-57.

216 GYSEN, PHILIPPE. Reconstitution du parcours impérial de Probus. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 137-51.

217 HOLLARD, D. Un antoninien inédit de Tétricus père au type LAETITIA AVG N. *BSFN* 1997/9 pp. 194-96.

An unpublished antoninianus of Tetricus I (IMP C P ESV TETRICVS AVG, radiate cuirassed bust r./LAETITIA AVG N, Laetitia standing l.) associates an obverse of the second issue of Cologne with a traditional reverse of the fifth.

(Michel Amandry)

218 HOOVER, O.D. The Ties that Bind: Roman Expansionism and the Development of Etruscan Coinage in the Third Century B.C. *Hekte* 3 (March 1997) pp. 3-15.

219 IVANOV, RUMEN. Nicopolis ad Istrum. Eine römische und frühbyzantinische Stadt in Thrakien und Niedermösien. *Antike Welt* 29/2 (1998) pp. 143-53 illus.

The coinage of Nicopolis (2nd/3rd cent. A.D.) is mentioned and two specimens (reclining river-god, public building) are illustrated.

(Hans R. Baldus)

220 Jahresbericht des Römisch-Germanischen Zentralmuseums, Forschungsinstitut für Vor- und Frühgeschichte, 1995. Neuerwerbungen für die Sammlungen. *Jb RGZM Mainz* 42/2 (1995, publ. 1996) pp. 650-58 illus.

Eight late Roman contorniates were acquired by the museum in 1995. All of them are illustrated on fig. 67 (p. 651).

(Hans R. Baldus)

221 Jahresbericht des Römisch-Germanischen Zentralmuseums, Forschungsinstitut für Vor- und Frühgeschichte, 1996. *Jb RGZM Mainz* 43/2 (1996, publ. 1998) pp. 629-755 illus.

The inventory of a tomb of a Germanic prince, found at Wolfsheim/Rheinland-Pfalz, is illustrated on fig. 59 (p. 737). It contained a solidus of Valens (A.D. 364-78). On p. 740 several recently acquired late Roman contorniates are mentioned, two of which are illustrated (fig. 62-63).

(Hans R. Baldus)

222 JOVANOVIĆ, ALEKSANDAR. A Comment on a Bronze Medallion of Antoninus Pius [Komentar so eden bronzen medaljon od Antonin Pij].

Macedonian Numismatic Journal 2 (1996) pp. 49-55 illus. Macedonian summary.

The author proposes the connection of Gneecchi, *I medaglioni romani II*, no. 19 (plate 44/3) to Roman military operations against barbarian incursions into Dacia and Upper and Lower Moesia about A.D. 143-58. Hoard concentrations and epigraphic monuments referring to construction of fortifications A.D. 150-54 are cited as evidence of the noted incursions.
(Charles B. Smith, Jr.)

223 KIERNAN, PHILIP. Three References to Coins by Eusebius of Caesarea. *The Anvil* 8 no. 1 (1998) pp. 1-3.

A letter from Constantine to the bishop of Carthage refers to the sum of 3000 folles. In this context, the term follis means a bag or purse of money (i.e. 3000 purses of coins), and not the billon coin of Diocletian introduced in A.D. 294. The other two references are from Eusebius's biography of Constantine; the first refers to the gold solidi where the emperor is depicted looking upward in an attitude of prayer. The second describes accurately the deified Constantine "Hand of God" solidi. Eusebius of Caesarea should not be confused with Eusebius of Nicomedia.
(Robert I. Gait)

224 KINDLER, A. Summary of 12 Years of Numismatic Finds in the Excavations of Sumaqa (1983-1995). S. Dar, *Sumaqa—A Jewish Village on the Carmel* (Tel Aviv, Eretz Geographical Research and Publications and Israel Exploration Society 1998) pp. 373-90 illus.

About 600 coins were found covering the period from Alexander Jannaeus to the Mamlukes. They are summarily listed. Apart from a denarius of Vespasian, all were copper. The bulk (430 pieces) date to the 4th century A.D., from Constantine I to Arcadius. There are a few Byzantine folles up to Heraclius and a Crusader coin of Henry of Champagne.
(Arnold Spaer)

225 KISSEL, THEODOR. Rückblicke in die antike Welt: 1. März 86 v. Chr., Belagerung und Plünderung Athens durch Sulla. *Antike Welt* 29/2 (1998) pp. 171 ff. illus.

The article is illustrated by an aureus of ca. 82 B.C. depicting Sulla, crowned by Victory, in his triumphal chariot.
(Hans R. Baldus)

226 KLOSE, DIETRICH O.A. Zwei seltene römische Fundmünzen aus dem Landkreis Saarlouis im Saarland. *JNG* 46 (1996) p. 73 ff.

Publication of a plated hybrid denarius of Trajan, probably a forgery from northern(?) Gaul, and of a new dupondius type of Antoninus Pius with Jupiter Victor, apparently struck in a small quantity.
(Gerd Stumpf)

227 KORTHAUER, CARSTEN. En ældre romertidsgrav med guldmønt fra Jylland samt nogle iagttagelser om møntomløb og -funktion i jernalderens Danmark. *KUML* 1995-1996 pp. 113-34 illus. In Danish with English summary.

The author republishes a grave find in Bæk (South Jutland, Denmark) from 1948 which contained an aureus of Tiberius. He discusses coins in graves and more broadly coin circulation by comparing the age and denomination patterns of various parts of Denmark and Germany.
(Jens Christian Moesgaard)

228 KORTÜM, KLAUS. Zur Datierung der römischen Militäranlagen im obergermanisch-rätischen Limesgebiet. Chronologische Untersuchungen anhand der Münzfunde. *Saalburg Jb* 49 (1998) pp. 5-67.

The study of coins and chronology of the Roman limes in Germany is illustrated by over one hundred diagrams, etc.
(Hans R. Baldus)

229 KRAGELUND, PATRICK. Galba's Pietas, Nero's Victims and the Mausoleum of Augustus. *Historia* 47/2 (1998) pp. 152-73 illus.

Chapter II, Numismatic Evidence (pp. 161-65), is illustrated by Pietas coins of the emperors Galba and Caligula.
(Hans R. Baldus)

230 KUMPIKEVICIUS, G.C. *City Fortifications as Roman Coin Types*. Toronto, Aureus Investments Gallery, 15 July 1995.

The author catalogues 126 Roman coins illustrating city walls, gates and other fortifications on Roman coins.
(Thomas Serfass)

231 KUMPIKEVICIUS, G.C. Constantine I, Restitutor Romae: A Confirmation of a Historic Coin Type. *Hekte* 3 (March 1997) pp. 61-64.

This is a revision of an earlier article in *Picus* 2 (1993).
(Thomas Serfass)

232 KUMPIKEVICIUS, G.C. A New 'Bigatus' of Gordian III. *Hekte* 3 (March 1997) pp. 106-25.

The author discusses the early coinage struck by Gordian III at the mint of Antioch. This review was initiated by the discovery of an unpublished reverse type (Victory in biga, left).
(Thomas Serfass)

233 KÜNZL, ERNST. Gladiusdekorationen der frühen römischen Kaiserzeit: Dynastische Legitimation, Victoria und aurea aetas. *Jb RGZM Mainz* 43/2 (1996, publ. 1998) pp. 383-474 illus.

Ancient coins as votives deposited in wells, fountains, lakes, and rivers are sketched on pp. 445 ff. The obv. of a Tiberian sestertius with cornucopiae, twin-heads, and caduceus (pl. 54 fig. 5) is compared with contemporary glass-phalerae.

(Hans R. Baldus)

234 LALLEMAND, JACQUELINE. Les monnaies. R. Brulet and J.-C. Demanet, eds., *Liberchies III vicus gallo-romain. Les thermes, fouilles CRAN (1973 et 1989-90) et zone d'habitat au nord de la voie antique. Fouilles de Pro Geminiaco (1979-80 et 1987-94). Publications d'histoire de l'art et d'archéologie de l'université catholique de Louvain* 94 (Louvain-la-Neuve 1997) pp. 107-12.

This is a catalogue of 72 Roman coins found during recent excavations at Liberchies, an important Roman vicus in Belgium.

(Johan van Heesch)

235 LAMBOT, B. and P. CASAGRANDE. Une commaine d'Ebusus sur l'oppidum de "Vieux-Laon" à Saint-Thomas (Aisne). Nouvelles données archéologiques sur *Bibrax* et le camp de Mauchamp (César B.G. II). *Bull. Soc. arch. Champenoise* 90 no. 2 (1997) pp. 15-29.

The discovery of a bronze of Ebusus, struck between 91 and 27 B.C., led the authors to investigate the unusual presence of this specimen in Aisne. The loss of this coin is placed in relation to the presence of those sent by Caesar in 57 B.C. to aid Rèmes entrenched under the command of Iccios in a place which allows them to attribute the town of "Vieux-Laon" to the location of Bibrax.

(Michel Amandry)

236 LAZIN, GH. Rectificări privind două monede romane imperiale descoperite în județul Satu Mare [Correction concerning two Roman Imperial coins discovered in Satu Mare county]. *Stud. Com. Satu Mare* 14 (1997) pp. 119-22 illus. English summary.

The author publishes a denarius of Hadrian (*RIC* II p. 351 no. 94, Rome, 119-22) discovered in 1966 at Bercu and a denarius of Marcus Aurelius (*RIC* III p. 255 no. 148, Rome, 166) discovered in 1959 at Homorodul de Sus, which were previously published with errors.

(Gh. Poenaru Bordea)

237 LEIDIG, TILMANN. C. CARRINAS C.F. Überlegungen zu zwei Bronzemünzen der Treverer. *ZPE* 122 (1998) pp. 211-18.

Rare Treveran bronze copies of a Caesarean denarius type (pontifical instruments/elephant), with CARINA(S) instead of CAESAR on the rev. (*RPC* I 502), are dated ca. 45 B.C. by the author. He explains this issue honoring a man who then de facto was a Roman official serving in Spain.

(Hans R. Baldus)

238 LOCKYEAR, KRIS. The supply of Roman Republican denarii to Romania. *SCN* 11 (1995, publ. 1997) pp. 85-102 illus.

The author undertakes a statistical analysis of 126 hoards from Romania, part of 217 discussed from the entire Roman world, and states that "a massive influx of Roman Republican denarii took place c. 75-65 B.C." and that "very few denarii were imported to the region c. 65-45 B.C. and even thereafter the level of import was so low that the earlier coinage remained dominant in the coinage pool. This fall off in supply in the 60s-50s gives us a context for the start of the coinage copying of Roman Republican denarii."
(Gh. Poenaru Bordea)

239 LUCCHELLI, TOMASO M. Riflessi della politica di Roma nel *Barbaricum*: i denari romani oltre la frontiera dell'impero. *RIN* 99 (1998) pp. 213-38.

The author examines the phenomenon of the presence of hoards of Roman coins in northern and eastern Europe beyond the frontiers of the empire, between the mid-1st and 3rd centuries A.D. The diffusion of silver denarii increases in the Antonine period when payments in the form of subsidies were used to mollify the barbarian peoples. With Septimius Severus there is an interruption in the presence of silver coinage, while from Caracalla on, the new peoples of the Alamanni, Franks, Goths, etc. claimed their subsidies in gold.
(Andrea Carignani)

240 MARTIN, J.-P. Les thèmes monétaires claudiens. Y. Burnand, Y. Le Bohec and J.-P. Margin, eds., *Claude de Lyon empereur romain. Actes du colloque Paris-Nancy-Lyon Novembre 1992* (Paris 1998) pp. 201-12.

241 MATEI, AL. and ISTVÁN BAJUSZ. *Castrul roman de la Romita-Certiae. The Roman Camp from Romita-Certiae*. Zalău 1997. Text in Romanian and English.

During archaeological investigations between 1976 and 1997 in the Roman camp at Romita-Certiae, Sălaj county (Transylvania), the following coins were discovered: 1 bronze of Nerva; 1 silver and 5 bronzes of Trajan; 5 silver and 8 bronze coins of Hadrian; 3 silver and 4 bronze coins of Antoninus Pius; 3 bronze coins of Marcus Aurelius-Faustina; 2 silver and 3 bronze coins of Commodus; 7 silver coins of Septimius Severus and his family; 1 silver of Caracalla-Iulia Domna; 1 bronze of Macrinus; 7 bronzes of Elagabalus; 3 silver and 1 bronze of Severus Alexander; 2 antoniniani and 1 bronze of Gordian III; an antoninianus of Philip I; and 9 bronzes of Provincia Dacia (Philip and Otacilia).
(Constantin Preda)

242 MATTINGLY, H.B. Roman Republican coinage c. 150-90 BC. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 151-64 illus.

243 MEADOWS, A.R. The Mars/eagle and thunderbolt gold and Ptolemaic involvement in the Second Punic War. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 125-34.

244 MIHAILESCU-BIRLIBA, VIRGIL and C. MIHAI. Descoperiri monetare la Tâgu Frumos, jud. Iași [Monetary discovery at Tâgu Frumos, Iași County]. *ArhMoldovei* 19 (1996) pp. 253-58 illus. English summary.

In the region of Tâgu Frumos were discovered several coins currently in the collection of the local museum. These include coins of Marc Antony (1 silver), Vespasian (2 silver), Trajan (3 silver), Hadrian (2 silver), Faustina II (1 silver), Marcus Aurelius (1 silver), Gordian III (1 bronze), Numerian (1 silver), Constantius II (2 bronze), Valens (1 bronze) and Valentinian I (2 bronze). The same museum also houses a group of coins from Oțeleni, Iași county. It contains coins of Philip (1 bronze of Tripolis), Justin I (1 bronze), Justin II (1 bronze), Phocas (1 bronze), Michael IV (1 bronze) and Nikephoros III (1 bronze).
(Constantin Preda)

245 MITROFAN, IOAN and RADU ARDEVAN. Découvertes monétaires dans l'établissement romain de Micăsasa. *SCN* 11 (1995, publ. 1997) pp. 119-33 illus.

The authors present a detailed publication of 168 coins discovered at Micăsasa, Sibiu county. These include 3 Republican denarii, 158 imperial coins from Vespasian to Severus Alexander (denarii, sestertii, dupondii, an as and an antoninianus), and seven provincial coins from Bithynia (Hadrian), Serdica (Lucius Verus), Philippopolis (Caracalla) and Provincia Dacia (Philip the Arab). The other coins, which cannot be identified, may be issues of Tarsus, Tegea, Chersonessus or Perge. Most of the coins date to Hadrian (35), Antoninus Pius (34) and Trajan (23).
(Gh. Poenaru Bordea)

246 MOESGAARD, JENS CHRISTIAN. To antikke kobbermønter fundne nær Göteborg? [Two antique copper coins found near Gothenburg?]. *NNUM* 3 (1998) p. 39 illus. In Danish.

A Punic 3rd century B.C. and a Roman 3rd century A.D. bronze coin said to be found near Gothenburg, Sweden, are published. They are probably secondary finds.
(Author)

247 MONOPOLI, M. CRISTINA. Lotta alle frodi monetarie e alla corruzione in età valentiniana. *RIN* 99 (1998) pp. 251-68.

The author describes the various forms of false coinage perpetrated during the second half of the 4th century A.D. and discusses the efficacy of the laws and repressive measures that the emperor Valentinian and his successors adopted to combat them.
(Andrea Carignani)

248 MOUCHARTE, GH. Circulation monétaire à l'époque romaine dans nos régions. Trouvailles monétaires de Vervoz-Clavier. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 153-69.

249 NICOLAE, CONSTANTIN. Descoperiri de epocă romană și bizantină la Carsium [Discoveries from the Roman and Byzantine periods at Carsium]. *Pontica* 28-29 (1995-96, publ. 1997) pp. 135-60 illus. French summary.

On p. 154 is a brief list of isolated coin finds at Carsium (modern Harsova, Constanța county). These include pieces of Antoninus Pius, Probus, Constantine the Great and Honorius, Anastasius-Heraclius, Leo VI, Roman I, and a small funerary deposit with coins from 318-20, discovered in 1987. (Gh. Poenaru Bordea)

250 NOESKE, HANS-CHRISTOPH. Zweiter Bericht über die britisch-deutschen Grabungen in der römischen Festung von Babylon—Alt-Kairo. Kap. 6. Münzfunde und Wallfahrtsmedaillen. *AA* 1998 Heft 1 (1998) pp. 200-7 illus.

A special chapter within the joint report of several authors on the excavations of 1994 (pp. 173 ff.) lists and comments on 25 coins from the late Roman, Byzantine and Islamic periods. A remarkable series of pilgrim-tokens (10 looped jetons, 2 crosses) from 18th century Germany/Austria and 19th century France is fully described, illustrated and interpreted as an indicator of pilgrims' contacts between Europe and Egypt. (Hans R. Baldus)

251 NOLLÉ, JOHANNES. Medien, Sprüche, Astragale. Zum Orakelwesen im kaiserzeitlichen Kleinasien. *Nürnberger Blätter zur Archäologie* 13 (1996/97, publ. 1998) pp. 167-82 illus.

Glykon, the human-headed oracular serpent of Abonuteichos/Ionopolis, is depicted on coins like that illustrated, struck by L. Verus. Coins of Ephesus and Samos depict children 'playing' with astragaloi; thus Artemis 'answered' questions put by her worshippers. (Hans R. Baldus)

252 NOLLÉ, MARGRET KAROLA. Die Eintracht zweier Metropolen: Überlegungen zur Homonoia von Ephesos und Alexandria zu Beginn der Regierung Gordians III. *JNG* 46 (1996) p. 49 ff.

A voluminous issue of coins from Ephesus struck in the time of Gordian III on the homonoia with Alexandria in Egypt has to be dated into the first years of the reign of this emperor, between May/June 238 and May 241. This high quantity of types is triggered by military activity along the Euphrates, where both cities had emplacements and grain stores. The topics of the reverses of these homonoia-coins show us that many different aspects (religious, economic, geographic and political) of

both cities were taken into consideration. This study points out how the homonoia between the two cities is emphasized in the iconography of the coins. (Author)

253 NOVÁK, MIRKO and ANDREAS OETTEL. Ein parthisch-römischer Friedhof in Tall Séh-Hamad/Ost-Syrien. *Antike Welt* 29/4 (1998) pp. 325-37 illus.

Among the objects found in the necropolis near the border between Syria and Iraq were a drachm of Ariarathes VII of Cappadocia (111-99 B.C.) and an Antiochene bronze ("Tiberius," Flavian?) with a countermark of Domitian (A.D. 81-96).

(Hans R. Baldus)

254 OBERLÄNDER-TARNOVEANU, E., V. ZORAN, GH. POENARU BORDEA, L. TRACHE, E. IACOB, I. LUKANC, C. CIORTEA, A. POPESCU and NINEL NICA. Analyses atoniques et nucleares des monnaies romaines en or frappées entre 253-364. *CercetNum* 7 (1996) pp. 49-74 illus.

The authors present the results of nuclear analysis made on a lot of 97 Roman imperial coins.

(Constantin Preda)

255 PAPASIMA, TUDOR and COSTEL CHIRIAC. Monede romane de la Dumbrăveni (jud. Costanța) [Roman coins from Dumbrăveni (county Constanța). *Pontica* 28-29 (1995-96, publ. 1998) pp. 267-69 illus. French summary.

The authors publish a denarius of Plautilla and three coins of the 4th century, of which the latest (Valentinian II, A.D. 383) was found in a tomb. (Gh. Poenaru Bordea)

256 PAPASIMA, TUDOR and ANTOANETA VERTAN. Monede romane și bizantine inedite din colecția Muzeului constănțean [Unpublished Roman and Byzantine coins from the collection of the Museum of Constanța]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 271-78 illus. French summary.

The authors publish 13 Roman coins of the 2nd-4th centuries discovered in Dobroudja (at Ivrezu Mic, Capidava, Credința, Lanurile, Movila Verde, Remus Opresanu, etc.), two of Justinian I and 17 Byzantine coins of the 11th century, plus a denarius of Hadrian discovered at Porolissum in Dacia.

(Gh. Poenaru Bordea).

257 PAVEL, VIORICA. Inceputurile pătrunderii monedei romane republicane în Dacia [The beginning of the penetration of Roman Republican coinage in Dacia]. *Apulum* 34 (1997) pp. 97-125 illus. French summary.

258 PENSA, MARINA. Alcune considerazioni sulle immagini di porti nella documentazione numismatica. *RIN* 99 (1998) pp. 113-56 illus.

Coins offer a full range of representations of ports, especially Greek examples from the Roman period (2nd-3rd centuries A.D.). The author looks at this evidence, outlining a process of standardization of this typology that tends to be reduced to a formulaic *sinus* with a semi-circular porticus. (Andrea Carignani)

259 PERRONE MERCANTI, MICAELA. Divinità e personificazioni nelle emissioni adrianeae. Monete dalle collezioni del Medagliere Capitolino. *Adriano e il suo mausoleo. Studi, indagini e interpretazioni* (Milan, Electa 1998) pp. 199-224 illus.

In the Hadrianic coin issues various iconographic elements refer to Augustan celebratory themes (Venus victrix or felix or genetrix), to the canonical imperial virtues (Indulgentia, Clementia, Iustitia, Tranquillitas, Concordia and Spes), to a particular divinity such as Hercules Gaditanus, the famous travels of the emperor (Fortuna Redux) and personification of the provinces. This article discusses examples in the Capitoline and Vatican collections and that of the Museo Nazionale Romano.

(Andrea Carignani)

260 PETER, MARKUS. *Augusta Raurica I: Augst 1949–1972. Inventar der Fundmünzen der Schweiz* 3. Lausanne 1996. 579 pp. illus.

261 PETER, MARKUS. *Augusta Raurica II: Kaiseraugst 1949–1972. Inventar der Fundmünzen der Schweiz* 4. Lausanne 1996. 276 pp. illus.

The two volumes comprise a detailed catalogue of 7565 coins which were found in 1949-1972 during excavations in the Roman colony Augusta Raurica. The findspots of almost all the coins are exactly known, and many were found in stratified layers. (Author)

262 PETER, MARKUS. Bemerkungen zur Kleingeldversorgung der westlichen Provinzen im 2. Jahrhundert. *Coin Finds and Coin Use in the Roman World: The Thirteenth Oxford Symposium on Coinage and Monetary History* 25.–27.3.1993. *Studien zu Fundmünzen der Antike* 10 (Berlin 1996) pp. 309–20 illus.

The author deals with the question of how Roman aes coinage reached the Western provinces and shows that the regional distribution patterns in the West are not as unique as is the case in Britain. In one case the military influence on aes circulation in the second century A.D. can be clearly traced. (Author)

263 PETER, MARKUS. Die Fundmünzen. Andrea Bignasca et al., *Petra, Ez Zantur I. Ergebnisse der Schweizerisch-Liechtensteinischen Ausgrabungen 1988-1992* (Mainz 1996) pp. 91-127 illus.

Excavation of private buildings at Petra (Jordan) revealed 113 single finds and three late Roman hoards. The single finds range from Nabataean to the mid-5th century A.D. The three hoards with 65, 180 and 26 coins, respectively, all end with SPES REI PVBLICE bronzes. Not only the extremely similar composition of the hoards but also the fact that one of them was found next to the skeleton of a woman who was hit by tumbling walls clearly shows a connection with the earthquake of May 19, 363. (Author)

264 PETIT, H. Le trésor de monnaies romaines de Ceyzériat (Ain). *TM* 16 (1997) pp. 25-34 illus.

The circumstances of the discovery of this hoard are unknown. H. Petit studied the coins before they were dispersed on the antiquities market in the 1960s. The ensemble seems to have been composed of a certain number of sestertii and fractional coins and at least 198 denarii and antoniniani, ranging from Septimius Severus to the joint reign of Valerian and Gallienus. Its burial is placed in 259/60. (Michel Amandry)

265 PETOLESCU, CARMEN MARIA. Un medalion roman dedicat lui Divus Pertinax [A Roman medallion dedicated to Divus Pertinax]. *CercetNum* 7 (1996) pp. 41-46 illus. French summary.

A bronze medallion dedicated to Divus Pertinax was discovered at Stefănești de Jos, Ilfov county (Valachia). The obverse bears the bust of the emperor and the reverse a quadriga with four elephants and Aeternitas. (Constantin Preda)

266 PONCELET, CAMILLE. Le contenu monétaire et paramonétaire des principaux sites celtiques de la Gaule belgique. *CENB* 34 (1997) pp. 61-70.

The author discusses early Roman (and Iron Age ?) sites in the northern parts of Belgic Gaul and lists not only the coin finds but also the brooches and the small wheels regularly found on religious sites. No detailed catalogue is given.

(Johan van Heesch)

267 POPESCU, ADRIAN. Câteva monede grecești și romane descoperite la Dinogetia, Garvăn, jud. Tulcea [Some Greek and Roman coins discovered at Dinogetia-Garvăn, Tulcea county]. *CercetNum* 7 (1996) pp. 34-40 illus. English summary.

Nine coins from the late Roman fortress at Dinogetia (Dobroudja) are published: one Greek coin struck at Histria and eight Roman imperial pieces from the second and fourth centuries A.D. (Constantin Preda)

268 POPESCU, ADRIAN. Denari roman imperiali din tezaurul găsit la Desa, jud. Dolj [Roman imperial denarii from the hoard found at Desa, Dolj county]. *CercetNum* 7 (1996) pp. 47-48 illus. English summary.

The author studied 11 coins from this hoard, discovered in 1888 at Desa, Dolj count (Oltenia). The coins are now part of a private collection in Bucharest. They include one of Antoninus Pius, 7 of Marcus Aurelius and 3 of Commodus. The latest is a denarius from the first issues of A.D. 186.
(Constantin Preda)

269 POPESCU, A., MIHAELA JACOB and I. GEORGESCU. Monede grecești, romane și bizantine timpurii din colecția Ioan Georgescu, Tulcea [Greek, Roman and early Byzantine coins from the Ioan Georgescu collection, Tulcea]. *CercetNum* 7 (1996) pp. 91-95 illus. English summary.

In a private collection from Tulcea (Dobroudja) there are 79 coins discovered in Dobroudja in the ancient settlements of Berce, Dinogetia, Noviodunum, Salsovia and Troesmis. They include 6 Greek Imperial coins (2nd-3rd centuries), 69 Roman imperial bronze coins (2nd-4th centuries) and 4 Byzantine bronze coins from the 6th century.
(Constantin Preda)

270 POPILIAN, GH. and ST. CHITU. Tezaurul roman de monede imperiale descoperit la Caracal [Roman Imperial Coin Hoard discovered at Caracal]. *ArchivOlteniei* 12 (1997) pp. 31-39. French summary.

A hoard was discovered in 1978 at Caracal, Olt county. It contained 128 denarii and 2 antoniniani, including issues of Antoninus Pius (1), Marcus Aurelius (1), Commodus (4), Pertinax (1), Clodius Albinus (1), Septimius Severus (27), Caracalla (1), Macrinus (1), Elagabalus (69 denarii and 1 antoninianus), Maximinus Thrax (4) and Gordian III (1 antoninianus). The latest issue is from A.D. 238-39. The hoard was buried due to the attack of the Carpi in A.D. 242.
(Constantin Preda)

271 RĂDULESCU, TOMA and CORNELIU MĂRGĂRIT TĂTULEA. Al III-lea tezaur de monede romane imperiale descoperit la Bârca - Dolj [The third hoard of Roman imperial coins discovered at Bârca-Dolj]. *Oltenia* n.s. 1 (1990-95, publ. 1998) pp. 72-104. French summary.

This hoard was discovered in June of 1962. The coins ranged from Vespasian to Philip the Arab (*RIC* 70, Antioch) and included 1928 denarii (of which two are forgeries of Septimius Severus and Maximinus I), 38 antoniniani and one drachm (of Geta, from Caesarea in Cappadocia). There are also issues of Emesus and Laodicea. The hoard was buried on the occasion of the invasion of the Carpi in A.D. 245.

(Gh. Poenaru Bordea)

272 REECE, RICHARD. Roman Coin hoards in Dacia and beyond. *SCN* 11 (1995, publ. 1997) pp. 107-18.

Based on Mihăilescu-Bîrliu's book *La monnaie romaine chez les Daces orientaux* (Bucharest 1980), the author proposes a methodology for analyzing hoards from the Roman Empire from Britain to the former Soviet Union. He divides hoards which end with coins of Commodus into 15 groups and 25 sub-groups and examines

the presence of Republican denarii in hoards of the imperial period, of denarii of Vespasian and Hadrian in hoards of the end of the 2nd and 3rd centuries, and the relationship between the issues of Hadrian and Antoninus Pius in these hoards. One notes the high percentage of Hadrianic denarii in hoards of Moldavia in relation to other regions.
(Gh. Poenaru Bordea)

273 RÉMY, B., F. BONToux and V. RISLER. *Grenoble. Bibliothèque Municipale d'Étude et d'Information. Catalogue des monnaies. II. Monnaies romaines. Monnaies romaines impériales 1. August-Tibère.* Materiali Studi Ricerche 9. Milan 1998. 67 pp. illus.

274 RÉMY, B., F. BONToux and V. RISLER. *Grenoble. Bibliothèque Municipale d'Étude et d'Information. Catalogue des monnaies. II. Monnaies romaines. Monnaies romaines impériales 2. Caligula-Néron. Index.* Materiali Studi Ricerche 10. Milan 1998. 89 pp. illus.

This is a catalogue of 813 Augustan and Julio-Claudian coins from the municipal collection in Grenoble. All the coins are illustrated.
(Michel Amandry)

275 RIPOLLES, P.P. La moneda en los inicios de la romanización: talleres y aresanos. *Arse* 28-29 (1994) pp. 199-216.

276 RONCHI, FABIO. Il dibattito sulla data di introduzione del denario nella moderna letteratura numismatica. Storiografia e analisi. *RIN* 99 (1998) pp. 39-88.

The author comments on the various theories advanced on the chronology of the introduction of the denarius.
(Andrea Carignani)

277 RUSSO, R. Unpublished Roman Republican bronze coins. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 139-50 illus.

278 SALINAS CONCHA, FRANCISCO. El Retrato en la Moneda de la República Romana. *Medallas* 2 (May 1996) pp. 25-26 illus.

279 SARNOWSKI, TADEUSZ, VITALIJ M. ZUBAR and OLEG JA. SAVELJA. Zum religiösen Leben der niedermoesischen Vexillationen auf der Südkrim. Inschriftenfunde aus dem neuentdeckten Dolichenum von Balaklaw. *Historia* 47/3 (1998) pp. 321-41 illus. (no coins).

In the sanctuary of Jupiter Dolichenus excavated near Balaklava (10 km. southeast of Sewastopol) in 1992, a hoard of 57 denarii (latest coin: Severus Alexander, 222-235) was found. A denarius of A.D. 197 is important for the dating of an earlier phase of the building (p. 324).
(Hans R. Baldus)

280 SAUER, EBERHARD. M. Annius Florianus. Ein Drei-Monate-Kaiser und die ihm zu Ehren aufgestellten Steinmonumente (276 n. Chr.). *Historia* 47/2 (1998) pp. 174-203.

Coins and medallions play a marginal role in this article. (Hans R. Baldus)

281 SCHAEFFER, RICHARD. More evidence for the early denarius. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) p. 135 illus.

282 SCHALLMAYER, EGON. Germanen in der Spätantike im Hessischen Ried mit Blick auf die Überlieferung bei Ammianus Marcellinus. Neue Ausgrabungen in Gross-Gerau. *Saalburg Jb* 49 (1998) pp. 139-54 illus. (no coins).

A list of 9 Roman aes coins of the time of Constantine the Great and his sons found during excavations at Gross-Gerau (Hesse, Germany) is summarized on p. 154.

(Hans R. Baldus)

283 SERAFIN, PATRIZIA. La moneta al tempo di Adriano. *Adriano e il suo mausoleo. Studi, indagini e interpretazioni* (Milan, Electa 1998) pp. 187-98 illus.

These are brief notes on Roman coin issues in the Hadrianic period. The rich figurative repertoire on these coins is briefly reviewed in terms of main typological themes: adoption and providence, the provinces and journeys, Rome, Sabina and Antinoos, and monuments of the Hadrianic period such as the Pons Aelius and the Mausoleum.
(Andrea Carignani)

284 SOKOL, VLADIMIR. Kasnoantička imitacija rimskog novca izradjena od keramike [A ceramic imitation of a Roman coin from late antiquity]. *Numizmatičke vijesti* 51 (1998) pp. 17-23 illus. English summary.

Showing a design incised on both sides of a circular fragment of a ceramic dish, this piece was evidently intended as a game token. It was found with 3rd and 4th century bronze coins and other tokens in the remains of a castrum on Kuzelin Hill near Donja Glavnica, some 20 km. northeast of central Zagreb. (Charles B. Smith, Jr.)

285 SOUK, T, A. ROSENBERGE and M. PEILSTOCKER. *The Ancient Reservoir of Sepphoris Excavations 1993-4*. Tel Aviv, National Parks Authority - Tsipori Project - Centre for Study of Ancient Water Works 1996. In Hebrew.

On p. 126 A. Kindler lists and partially illustrates the 16 copper coins found in this excavation. They include an issue by Elagabalus from Tyre, 12 late Roman coins, a copper of Anastasius and 3 Islamic pieces. (Arnold Spaer)

286 STANNARD, CLIVE. Overstrikes and imitative coinages in central Italy in the late Republic. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersch* (London, Spink 1998) pp. 209-29 illus.

287 STOICA, ONORIU. Obiecte de metal descoperite la Bistreț (județul Dolj). Campania arheologică din anul 1985 [Metal objects discovered at Bistreț (Dolj county). The archaeological campaign of 1985]. *Oltenia* 3rd ser. 1 (1997) p. 60.

The author publishes three Roman bronze coins: Constantine II, Constantius Gallus and one other illegible Constantinian piece. (Gh. Poenaru Bordea)

288 SUCIU, VIORICA and MATILDA TAKÁCS. Monede romane imperiale din colecția Muzeului de istorie Aiud [Roman imperial coins from the collection of the Museum of History at Aiud]. *Apulum* 34 (1997) pp. 239-53 illus. French summary.

The authors publish 105 denarii and antoniniani from Augustus to Philip the Arab, including issues of Laodicea ad Mare (5), Antioch (3), Caesaraugusta and Alexandria (1). The find-spots are known for five of the pieces, and for the remaining a provenance of Aiud (ancient Brucla) and its environs is likely. (Gh. Poenaru Bordea)

289 SUGDEN, KEITH. Roman Republican coins in the Manchester Museum. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersch* (London, Spink 1998) pp. 193-207 illus.

290 SYON, D. A Wine-press at Akhziv. *Industrial and Agricultural Installations*. *Atiqot* 34 (1998) pp. 86-99. In Hebrew with English abstract.

On p. 97 five identifiable Roman coins out of the nine copper pieces found are listed. They cover the period from A.D. 341-402. (Arnold Spaer)

291 THIRY, JEAN-CLAUDE. Un antoninien inédit de Gallien frappé à Milan en 265. *CENB* 34 (1997) pp. 54-55.

292 THIRY, JEAN-CLAUDE. Un denier de Maximin le Thrace trouvé à Liège. *CENB* 34 (1997) pp. 19-20.

293 THIRY, JEAN-CLAUDE. A propos de la dernière émission du règne conjoint de Valérien I et de Gallien à Rome. *CENB* 34 (1997) pp. 34-38.

294 THIRY, JEAN-CLAUDE. Recherches sur une partie d'une trouvaille d'imitations radiées provenant de Remagen (Rhénanie). *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 57-135.

295 THOMA, WINFRIED. Nochmals zum Thema "FEL TEMP REPARATIO." *JNG* 46 (1996) p. 77 ff.

The author discusses once more the FEL(icium) TEMP(orum) REPARATIO "hut type" maiorinae, struck by Constantine I's sons. Contra W. Weiser, he comes to the same results as K. Kraft, who had concluded that this type alludes to the settlement of Franks in Toxandria under Constans and to the peace treaty of A.D. 342.

(Gerd Stumpf)

296 THÜRY, GÜNTHER E. *Altes Geld und neues Jahr. Salzburger Museum besitzt Roms älteste Münzen. Das Kunstwerk des Monats* 11 no. 117 (1998). 4 pp. illus.

The Salzburg museum possesses a small but fine collection of Roman and other Italian aes grave, comprising nearly complete sets of the heavy Janus/Mercury series and the series of Hatria. The author presents and comments on these coins. (Author)

297 THYS, MICHEL. Un *nummus* de Lyon à la légende CRISPVS NOBIL C. *CENB* 34 (1997) pp. 18-19.

298 TRAVAINI, LUCIA. Monete. Roma. Saggi di scavo nell'aula di "S. Isidoro in Thermis." *NScavAnt* s.9, 7-8 (1996-97, publ. 1998) pp. 412-13 illus.

From excavation of a hall of the Baths of Diocletian in Rome come two coins: an example from the mint of Panormos (3rd-2nd cent. B.C.) and a Janus/prow as.

(Andrea Carignani)

299 VAN HEESCH, JOHAN. Rome from the death of Caesar to Commodus. C. Morrisson and B. Kluge (Eds.), *A Survey of Numismatic*

Research 1990-1995. International Association of Professional Numismatists. Special Publication 13 (Berlin, 1997) pp. 185-201.

300 VARSÍK, VLADIMÍR, EVA KOLNÍKOVÁ and KLÁRA KUZMOVÁ. Das römische Lager von Rusovce-Gerulata. Ein Beitrag zu Lokalisierung und Anfängen. *Jb RGZM Mainz* 43/2 (1996, publ. 1998) pp. 531-600 illus. (no coins).

The coins from the 1st to 2nd centuries A.D., found in the Roman castrum near Bratislava, are discussed on pp. 577-80 with fig. 24. A special list of coins excavated in a wooden barracks is given on p. 596. *(Hans R. Baldus)*

301 VELENIS, G. Nomismatokopecio stin archaia agora tis Thessalonikis [A mint in the ancient agora of Thessaloniki]. *Volume in Honor of Mando Oeconomides "ΧΑΡΑΚΤΗΡ"* (Athens 1996) pp. 49-54.

The ΕΠΙΣΤΗΜΗ Ephorate of Antiquities in cooperation with the Aristotle University of Thessaloniki has been conducting an extensive program of excavation and restoration in the square of the ancient agora of Thessaloniki. Four metallurgy kilns of the 3rd and 4th century A.D. have been discovered in three adjacent rooms of the complex to the north of the odeion. The two earlier were discovered in 1993 beneath a mud floor in the northernmost room, the substratum of which contained a great number of sherds of disposable clay dies used for producing cast bronze flans, together with other clay and metal workshop waste. One of the sherds had four corroded bronze flans in its circular sockets.

Several bigger fragments have been assembled to produce an almost complete die, from which its basic dimensions and technical features can be inferred. It consists of a row of six identical units, each of which has positions for 32 unformed coins with a diameter of 0.016 m., arranged en chapelet, with eight flans in each row. On the basis of the number of corner pieces surviving from the destroyed rows, it can be deduced that there were more than 16 dies. At least three of them were never used, because they were deformed during firing.

The clay die fragments are almost exclusively the waste from a recent coin issue contemporary with the minting activity, which is dated to the reign of Licinius on the basis of a coin hoard found on the mud-clay floor. An exception to this is a small group of sherds bearing the imprint of flans of larger or smaller diameter, which in our opinion come from previous issues. The existence of another kiln above the hoard of coins testifies that the Thessaloniki mint continued to function on the same site after the reign of Licinius, certainly up to the middle of the 4th century A.D. and probably to the end of this century, when the Roan agora of Thessaloniki was still active. *(Mando Oeconomides)*

302 VIDAL BARDAN, J.M. Bronce inédito y otro raro de Tiberio de la ceca hispano-latina de Turiasu procedentes de Numancia. Campañas de excavaciones de 1900-1923. *Acta Num* 27 (1997) pp. 37-41.

303 VISONÀ, PAOLO. Continuità di circolazione di moneta greca nell'*ager Bruttius* in epoca tardorepubblicana. I dati stratigrafici da contrada Mella (Oppido Mamertina). *Klarchos* 38-39 nos. 149-156 (1996-97, publ. 1998) pp. 237-41.

The site finds from the Italic settlement of Contrada Mella, which was continuously occupied from the late 3rd through the mid-1st centuries B.C., indicate that Greek bronze coins minted in southern Italy and Sicily before the end of the Second Punic War remained in use until the beginning of the Empire. This suggests that old Greek bronze coinage may have been an important component of the circulating medium in certain areas of Bruttium during Romanization. (Author)

304 VITTO, F. Mahoza D-Yamnin: A Mosaic Floor from the Time of Eudocia? *Atiqot* 35 (1998) pp. 109-34.

On pp. 118-20 the author (with H. Sokolov) lists and partially illustrates 12 copper coins found during excavations at this coastal site north of Ascalon. They are a 2nd century B.C. coin of Chios, an issue of Mattathias Antigonus, a 2nd-3rd century Roman coin, four Roman issues of the 4th century A.D., four Byzantine folles (Justinian, Maurice [two] and Phocas), and an Umayyad post-reform fals struck in Famleh (Walker *BMC* nos. 855-59). (Arnold Spaer)

305 VLĂDESCU, CRISTIAN M., ROMEO AVRAM, ONORIU STOICA and LUCIAN AMON. Edificii civile și militare recent descoperite la Romula [Military and Civilian Building Recently Discovered at Romula]. *Oltenia* n.s. 1 (1990-95, publ. 1998) pp. 57-71 illus. English summary.

A bronze coin of Domitian and two illegible coins (one of which is an antoninianus) are published. (Gh. Poenaru Bordea)

306 WILLIAMS, J.H.C. Coinage, credit and the *aerarium* in the 80s BC. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 173-83.

307 WITSCHONKE, RICHARD. Some late 'early' Republican quinarii. Andrew Burnett, Ute Wartenberg and Richard Witschonke, *Coins of Macedonia and Rome: Essays in Honour of Charles Hersh* (London, Spink 1998) pp. 137-38 illus.

308 ZANZARRI, PAOLA. *La Concordia romana, Politica e ideologia nella monetazione dalla tarda Repubblica ai Severi*. Rome, Gangemi editore 1997. 155 pp. illus.

The author reviews the iconography of Concordia on Roman coins between the first century B.C. and the third century A.D. (Andrea Carignani)

309 ZEHNACKER, H. Le monnayage de Claude à l'atelier de Lyon. Y. Burnand, Y. Le Bohec and J.-P. Margin, eds., *Claude de Lyon empereur romain. Actes du colloque Paris-Nancy-Lyon Novembre 1992* (Paris 1998) pp. 213-27.

The problem of the localization of the imperial atelier which, under Claudius, struck gold and silver coins, leads the author to re-examine the arguments and indications in favor of Lyon or Rome. He concludes that the atelier remained at Lyon until the reform of Nero in 64. (Michel Amandry)

For additional references to Roman numismatics, see the following abstracts:
General, nos. 35, 36, 42, 61
Greek, nos. 78, 115, 118, 132, 133.

BYZANTINE

310 ALTHOFF, RALF. *Sammlung Köhler-Osbahr Band V/1. Byzantinische Münzen und ihr Umfeld. Anastasius I. (491-518) bis Phocas (602-610)*. Duisburg, Kultur- und Stadthistorisches Museum 1998. 211 pp. illus. ISBN 3-89279-541-X.

The author catalogues and describes 1198 coins following a scheme similar to the Dumbarton Oaks catalogues, but without die axes. General introductions are given to the various rulers. Also included are some Ostrogothic and Vandalic coins (nos. 1176-1198). (Peter Ilisch)

311 BARNEA, ION. Sigilii bizantine din Dobrogea [Byzantine Seals from Dobroudja]. *SCIVA* 47 no. 2 (1996) pp. 215-20 illus. French summary.

The author publishes nine Roman and Byzantine lead seals discovered in Dobroudja at Isaccea (Noviodunum) and Nufăfu, Tulcea county. They range from the 4th-6th centuries to the 11th-12th centuries. (Constantin Preda)

312 BARNEA, ION. Sigilii bizantine din colecția Muzeului Național de Antichități din București [Byzantine seals from the collection of the National

Museum of Antiquities in Bucharest]. *SCN* 11 (1995, publ. 1997) pp. 183-89 illus. French summary.

The author publishes 11 seals discovered in Dobroudja: one of Valentinian I, Valens and Gratien, 6 of the 6th-7th centuries (3 from Tomis) and four from the 10th-12th centuries (two each from Dorostolon and Noviodunum). (*Gh. Poenaru Bordea*)

313 CUSTUREA, GABRIEL. Catalogul monedelor bizantine anonime descoperite la Capidava [Catalogue of anonymous Byzantine coins found at Capidava]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 301-7 illus. French summary.

The author publishes 86 anonymous folles from classes A (43), B (27), C (13) and D (3), the last attested for the first time at Capidava. (*Gh. Poenaru Bordea*)

314 DOBRE, MANUELA. Observații asupra circulației monetare de la Durostorum în timpul lui Anastasius I [Remarks on coin circulation at Durostorum during the reign of Anastasius I]. *CercetNum* 7 (1996) pp. 85-90. French summary.

The collection of Pericle Papahagi contains 76 coins of Anastasius discovered in the Roman-Byzantine fortress from Silistra (Durostorum), Dobroudja. Of these coins, 33 were struck at Constantinople, 4 at Nicomedia and 1 at Antioch. (*Constantin Preda*)

315 GEORGESCU, V. and M. IONESCU. Mărturii creștine la Callatis [Christian evidence at Callatis]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 187-200 illus. French summary.

The author mentions a follis of Maurice Tiberius (p. 188) and two coins of Phocas (p. 191) discovered outside the recent excavations. (*Gh. Poenaru Bordea*)

316 HAHN, WOLFGANG. Eine axumitische Typenkopie als Dokument zur spätantiken Religionsgeschichte. Mit einem philologischen Exkurs zu den biblischen Namen axumitischer Könige von M. Knopp. *JNG* 46 (1996) p. 85 ff.

A recently published gold coin of the Aksumite king Mhdys (known from his copper coins in this unvoeled form) can be dated to the 420's A.D. as it copies the significant reverse of an eastern Roman solidus. This typological composition as well as the choice of the king's name probably to be derived from the biblical Matthias is interpreted and associated with the history of the Christian church. (*Author*)

317 MANUCU-ADAMEȘTEANU, GH. Aspecte privind circulația monetară la Mangalia în secolele X-XI (969-1081) [Aspects of coin

circulation at Mangalia in the 10th-11th centuries (969-1081)]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 287-300. French summary.

The author publishes 31 folles from Basil II/Constantine VIII to Nicephoros III and a tarteron of Alexis I struck at Thessalonica after the monetary reform, from the region of Mangalia. There is also a list of finds of the 6th-11th centuries from Callatis.
(Gh. Poenaru Bordea)

318 MORRISSON, CÉCILE. L'empereur ailé dans la numismatique byzantine: un empereur ange. *SCN* 11 (1995, publ. 1997) pp. 191-95 illus.

319 OBERLÄNDER-TARNOVEANU, E. Monnaies byzantines des VIIe-Xe siècles découvertes à Silistra dans la collection de Pericle Paphagi conservées au Cabinet des médailles du Musée National d'Histoire de Roumanie. *CercetNum* 7 (1996) pp. 97-127.

The author publishes 225 bronze and silver Byzantine coins from the 7th through 10th centuries discovered at Silistra (Dobroudja), belonging to the collection of Pericle Papahagi. Most are of Phocas, Heraclius, Leo VI, Constantine VII, anonymous and class A1. The author discusses the link between the chronological spread of the coins and the historical events in the region around Silistra in the Byzantine epoch.

(Constantin Preda)

320 OCHEȘEANU, RADU. Tezaurul de monede bizantine descoperit la Ropaeum Traiani în cmapania arheologică din anul 1908 [The hoard of Byzantine coins discovered at Tropaeum Traiani during archaeological excavation in 1908]. *SCN* 11 (1995, publ. 1997) pp. 163-82 illus. French summary.

The hoard, discovered on June 9, 1908, in a terra cotta vase, initially contained 25 gold coins and 76 bronze ones. The author publishes 49 bronze coins rediscovered in 1978: Justinian I (14 folles and 4 half-folles), Justin II (23 folles and 4 half-folles), Maurice Tiberius (4 folles, the last from 584/5). The coins were struck at Constantinople (20), Nicomedia (16), Cyzicus (5), Thessalonica and Antioch (4 each). The burial of the hoard was triggered by the invasion of the Avari in 587.

(Gh. Poenaru Bordea)

321 OLBRICH, KONSTANTIN. Das orientalische Heermesiteramt des Zeno im Lichte einer unbekannten Solidusemission. *JNG* 46 (1996) p. 101 ff.

The author publishes a solidus of the Byzantine emperor Leo I (A.D. 457-74). He attributes this coin to the time of Zeno's exile in Antioch between 468 and 471. He further localizes some of Zeno's solidi in Cilicia.

(Gerd Stumpf)

322 PAPASIMA, TUDOR. Monede bizantine inedite din colecția Muzeului județean Călărași [Unpublished Byzantine coins from the collection of the departmental museum in Călărași]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 279-85 illus. French summary.

The author publishes bronze coins of the 6th century from Anastasius to Maurice Tiberius, one of Nicephorus II Phocas (963-69), and 11 coins of the 11th century.

(Gh. Poenaru Bordea)

323 POENARU BORDEA, GH., EUGEN NICOLAE and ADRIAN POPESCU. Contribution numismatique à l'histoire de Noviodunum aux VIe-VIIe siècles. *SCN* 11 (1995, publ. 1997) pp. 135-61 illus.

The authors discuss 137 Byzantine bronze coins ranging from Anastasius to Phocas discovered at Isaccea (ancient Noviodunum), of which 70 are catalogued, and compare them to those in the Museum of Constanța, Istros, the collection Pandelis Ermides at Constanța (Tomis) and Dinogetia.

(Gh. Poenaru Bordea)

For additional references to Byzantine numismatics, see the following abstracts:

General, no. 61

Roman, nos. 172, 195, 224, 244, 249, 250, 256, 269, 285, 304

Western and Central Europe, no. 479.

NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN

324 CUSTUREA, GABRIEL. Câteva ponduri medievale descoperite în Dobrogea [A few medieval weights discovered in Dobroudja]. *Pontica* 28-29 (1995-96, publ. 1998) pp. 323-28 illus. French summary.

The author publishes 11 Ottoman bronze weights from the 17th century discovered in Dobroudja, at Dunăreni, Casimcea, Târgușor (Ester), Vadu (Ghiaurchioi) and elsewhere.

(Gh. Poenaru Bordea)

325 DE LUCA, MARIA AMALIA. *Le monete con leggenda araba della Biblioteca Comunale di Palermo.* Parte I. Palermo, Città di Palermo 1998. 399 pp. illus.

The original nucleus of this collection was the remains of the collection of Monseignor Airoldi of 1849. In this first volume, the author publishes coins from the Umayyad, Abbasid, Aglabid, Fatimid, Norman and Suevian periods (late 7th to mid-13th centuries).

(Andrea Carignani)

326 DROB, VALENTIN. Două tezaure monetare otomane de la afârșitul sec. XVIII-lea descoperite în Dâmbovița [Two Ottoman coin hoards from the end of the 17th century discovered in Dâmbovița county]. *CercetNum* 7 (1996) pp. 209-10. English summary.

Two hoards of Ottoman coins from the 18th century were discovered in Dâmbovița county. The first was found at Odobești in 1936 and contains 12 Ottoman silver coins from Mehmed I, Mustafa III, Abdul Hamid I and Seşim III. The second hoard was discovered at Dobra in 1973 and contains 28 coins, issues from Mustafa III and Selim III.
(Constantin Preda)

327 DRUART, JACQUES. Le mystère des monnaies iraniennes contremarquées de l'aigle russe. *Vie num* 47 (1997) pp. 127-32.

328 MAXIM, MIHAI. Un tezaur otoman din sec. XVII-lea descoperit la Nalbant, jud.Tulcea [An Ottoman hoard from the 17th century discovered at Nalbant, Tulcea county]. *CercetNum* 7 (1996) pp. 199-208 illus. English summary.

In the collections of the Archaeological Museum at Tulcea is a hoard discovered in 1976 at Nalbant (Dobroudja) which contains 375 Ottoman coins issued between 1595 and 1648. In addition, there are a Tartar coin, a Dutch taler of 1625, a Polish coin of 1595 and 2 coins from Ragusa dating to 1617 and 1621. This hoard is the most important Ottoman monetary discovery from the 17th century in Romania.
(Constantin Preda)

329 MOLL, B. Revisió d'una vella troballa: el tresoret fatimite d'es Migjorn gran (Menorca). *Acta Num* 27 (1997) pp. 43-52.

330 NICOLAE, EUGEN. Quelques considérations sur les monnaies tatares de la "Ville Neuve" (Yangi-şehr/Sehr al-cedid). *SCN* 11 (1995, publ. 1997) pp. 197-200 illus.

The author publishes Tatar coins issued between 1363 and 1369 and interpolates to those already known from A.H. 765-767 and 769 some coins of the years 768 and 770. Those from 1363-65 are issues of Khan Abdallah who besieged Orhei (modern Orheiul Vechi, near the village of Trebujeni, county Orhei, Moldavia). From 1366 to 1367 after the departure of the Khan anonymous issues in copper were struck, and then between 1367 and 1369 coins with the legend *amir* were struck. The issues of 1366-69 are considered local issues, the emir being identified with the *dominus Demetrius, princeps Tartarorum*.
(Gh. Poenaru Bordea)

331 NICULITA, ANA, ANA BOLDUREANU and EUGEN NICOLAE. Les aspres ottomans du tresor de Săseni, dép. de Călărași (Rép. de Moldavie). *SCN* 11 (1995, publ. 1997) pp. 201-9 illus.

The authors publish 132 Ottoman aspres of this hoard (1973), which also contained coins of the Golden Horde, Hungary, Lithuania and Moldavia. The coins are of Mehmed II (1), Bayezid II (129, of which 3 are imitations) and Selim I (2). They come from mints at Novar (65), Karatova (16), Edirne (13), Serez (11), Usküp and Kostnatiiniye (7 each), Bursa and Tyre (1 each). The authors date the issues of Bayezid II and Selim I.
(Gh. Poenaru Bordea)

332 PEREZ SINDREU, F. DE P. Tesorillo de moneda islámica en los Rosales-Tocia (Svilla). *Acta Num* 27 (1997) pp. 53-65.

333 RĂDULESCU, TOMA and PARASCHIVA STANCU. Tezaurul monetar de la Craiova (secolele XV-XVI) [The coin hoard from Craiova (15th-16th centuries)]. *Oltenia* n.s. 1 (1990-95, publ. 1998) pp. 105-12. French summary.

Fifty-five Ottoman coins from the hoard discovered in 1955 are published. They include 16 of Bayezid II, 34 of Selim I, 2 of Suleiman I and three illegible pieces. The authors believe the hoard was buried during the conflicts between Mehmed beg from Nicopolis and the Valachian Prince Radu from Afumați in January-June of 1522.

(Gh. Poenaru Bordea)

334 SCHICK, R. Palestine in the Early Islamic Period; Luxuriant Legacy. *NearEast Arch* 61 no. 2 (June 1998) pp. 74-108 illus.

On pp. 95-97 an illustrated survey of Muslim coinage in Palestine is given from its beginnings in the 7th century A.D. to the Fatimids.

(Arnold Spaer)

For additional references to the numismatics of the Near and Middle East, see the following abstracts:

Roman, nos. 169, 188, 224, 250, 285, 304

Africa, nos. 356, 357

Western and Central Europe, nos. 379, 433, 536, 537

Eastern Europe and the Balkans, no. 570.

INDIA AND SOUTH ASIA

335 JENSEN, UNO BARNER. C. H. Biddulph - uppubliceret katalog over mønter fra Trankebar [C. H. Buddulph - Unpublished Catalogue of Coins of

Tranquebar]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festschrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 54-57 illus. In Danish with English summary.

The author draws attention to a manuscript from ca. 1950 of an unpublished catalogue of coins of the Danish colony of Tranquebar. (*Jens Christian Moesgaard*)

For additional references to the numismatics of South Asia and India, see the following abstracts:

EAST ASIA

336 ALTHOFF, RALF. *Sammlung Köhler-Osbahr Band II/1: Vormünzliche Zahlungsmittel und Außergewöhnliche Geldformen aus China, Annam, Korea und Japan*. Duisburg, Kultur- und Stadthistorisches Museum Duisburg 1993. 214 pp. illus. ISBN 3-89279-990-3.

About 350 coins, amulets, medallions, ingots, tallies, and other monetary forms of the listed nations are presented (only 32 pieces are non-Chinese). The work includes a 27-page introduction to the pre-modern monies of East Asia. See also Weber-Brosamer (see PRIMITIVE COINAGE) for another volume of this series.

(*Joseph E. Boling*)

337 BERTSCH, WOLFGANG. The Second Issue of the 3 Srang Silver Coin of Tibet. *JEAN* 5 no. 3 (whole number 17, Fall 1998) pp. 19-27 illus.

The 3 srang coin introduced in 1935 (Yeoman #26) is described, with additional details about the Tibetan mint. Varieties of three obverse die design elements are illustrated, and the many combinations of these variable design elements are catalogued for the five dates of this coin (a total of 58 obverse dies).

(*Joseph E. Boling*)

338 BOLING, JOSEPH E. Fakes, Fantasies, and Furbelows—#2. *CCS* 2 no. 1 (March 1997) pp. 6-9.

The series continues with descriptions of counterfeit *ichibu* and *issu* Japanese silver coins.

(*Author*)

339 BOLING, JOSEPH E. Fakes, Fantasies, and Furbelows—#3. *CCS* 2 no. 2 (August 1997) pp. 3-7.

The series continues with descriptions of counterfeit Japanese pre-Meiji gold coins.

(*Author*)

- 340** BOLING, JOSEPH E. Fakes, Fantasies, and Furbelows—#4. CCS 3 nos. 1 and 2 (1998) pp. 8-12.

The series continues with descriptions of more counterfeit Japanese pre-Meiji gold coins. (Author)

- 341** BOLING, JOSEPH E. Fakes, Fantasies, and Furbelows—#5. CCS 3 nos. 1 and 2 (1998) pp. 12-17.

The series concludes with a discussion of the equipment needed to authenticate coins—microscope and balance—and the effects of measurement error on specific gravity determinations when dealing with relatively light coins. (Author)

- 342** JAPANESE NUMISMATIC DEALERS' ASSOCIATION, eds. *Nippon no Kahei: shohshoh no tebiki [Japanese Coins: a collector's handbook]*. Tokyo, JNDA 1998. 196 pp. illus.

The development of Japanese coinage from Chinese models through to the present, and of banknotes from the Meiji period, is related in a series of articles of varying depth. Considerable information about varieties of late pre-Meiji coinage is included. Recent prices realized for significant items are given, including condition and date of sale. Hansatsu and modern commemorative coins are not treated.

(Joseph E. Boling)

- 343** PFEIFER, DON. Korean Coin Charms and Amulets. JEAN 5 no. 3 (whole number 17, Fall 1998) pp. 5-11.

An introduction to the subject is presented, to be followed by subsequent articles. Several examples of circulating Korean cash coins bearing inscriptions that could be read as talismans are described. Possible origins for the use of the word *chatelaine* to describe Korean amulets are given, followed by descriptions of traditional uses of ribbon-linked amulets and coins. There is a short discussion of riveted coins as amulets and gambling pieces.

(Joseph E. Boling)

- 344** PHAM THANG. *Tien Te Viet Nam: Theo Dong Lich Su. Tap 1: Tu thoi Dinh Tien Hoang (968) cho den 1975 [Vietnamese Money Throughout History: from the dynasty of King Dinh Tien Hoang (968) to 1975]*. No place stated [Calgary, Alberta, Canada], by the author 1995. viii+464 pp. illus. In Vietnamese.

Vietnamese coins and notes of the stated period (including French Indochina/Cochinchina and excluding Communist issues) are catalogued in some detail, with photographs or rubbings of the coins and photographs of the notes (some from xerographic copies). Some amuletic, propaganda and essay pieces are included.

(Joseph E. Boling)

345 RAMSDEN, H.A. Korean Coin Charms and Amulets. *JEAN* 5 no. 3 (whole number 17, Fall 1998) pp. 39-52. [Reprint of the first 11 pages of the 1910 monograph of the same title.]

A short introduction is followed by a catalog of Korean amulets; this extract runs through Ramsden's catalog #39. (Joseph E. Boling)

346 [SMITH, BRUCE W.] Numismatic Literature on East Asia. *JEAN* 5 no. 3 (whole number 17, Fall 1998) pp. 33-36.

Five books, in English and Chinese, are reviewed. (Joseph E. Boling)

347 THIERRY, F. Chinese coins from the Yaphuwa site in the collection at the Anuradhapura Museum. O. Bopearachchi and D.P.M. Weerakkody, eds., *Origin, Evolution and Circulation of Foreign Coins in the Indian Ocean* (New Delhi 1998) pp. 191-97.

From a hoard of ca. 1500 Chinese coins discovered in the former capital of Bhuvaneka Bahu I, only 381 remain and are now housed in the Anuradhapura Museum; most are Northern Sung and Southern Sung coins. (Author)

348 THIERRY, F. Falsification moderne d'un lingot vietnamien de 10 lang. *CahN* 137 (September 1998) pp. 41-44.

New materials and new publications in the field of far-eastern silver ingots provide the evidence that the Annamese ingot no. 1854 of the catalogue of the French National Library is a genuine silver bar chopped by false marks (dating, origin, control) in recent times. (Author)

349 THIERRY, F. Maritime Silk Routes and Chinese Coin Hoards. O. Bopearachchi and D.P.M. Weerakkody, eds., *Origin, Evolution and Circulation of Foreign Coins in the Indian Ocean* (New Delhi 1998) pp. 199-223.

The author provides a survey of the history of the maritime routes between East and West in the Indian Ocean and South China Sea and a study on the data given by Chinese coin hoards found in these regions. (Author)

350 THIERRY, F. Une monnaie fiduciaire inédite de l'empereur Tu Doc. *BSFN* 53 no. 1 (1998) pp. 10-15.

This unpublished bronze coin, cast in Vietnam during the Tu Duc era, belongs to the second series of *bao sao* or "bill currency;" on the reverse, the value is not given in number of cash coins but in count unit, *quan* (string). (Author)

- 351** THIERRY, F. The Origin and Development of Chinese Coins. O. Bopearachchi and D.P.M. Weerakkody, eds., *Origin, Evolution and Circulation of Foreign Coins in the Indian Ocean* (New Delhi 1998) pp. 15-62.

This is a general survey of the history of Chinese coinage. (Author)

- 352** THIERRY, F. À propos d'une monnaie inédite de Thành Thái. *CahN* 135 (March 1998) pp. 37-42.

After the gold dragon piastre of the Farouk collection, this gold coin of Vietnamese Emperor Thành Thái with the type *Nhi Nghi* (Two Principles) is the second one made with dies engraved by a French person named Pierre, as inscribed on the reverse. (Author)

- 353** THIERRY, F. On the Tang coins collected by Pelliot in Chinese Turkestan (1906-1909). *Studies in Silk Road Coins and Culture* (Kakamura 1997) pp. 149-79.

During his archaeological journey in Chinese Turkestan, Paul Pelliot collected about one hundred Tang coins and especially a great number of the rare Da Li and Jian Zhong coins; the analysis of these coins provides us the proof that they are cast in local mints in Kucha, the former seat of the Chinese Protectorate during the time of isolation from the motherland. (Author)

- 354** THIERRY, F. Le trésor de la rue Guangfu (Canton) et la circulation monétaire sous les Han du Sud. *RN* 1997 pp. 379-408 illus.

In January, 1994, a hoard of ca. 2000 coins was found in Guangfu street in Guangzhou; most of these coins are local lead currency (*kaiyuan tongbao*, *wu wu*, *Kai Da tongbao*, etc.) cast in the second half of the 10th century in the kingdom of southern Han. (Author)

- 355** VEERACHAI SMITASIN. *Thai Coins 1996—Standard Catalogue of Thai Coins*. Bangkok, Sio Siah Kee 1996. 89 pp. illus. ISBN 914089671-6-6. Bilingual in Thai and English.

Siamese and Thai coins from 1835-1995 are catalogued, with values (presumably in baht) given for a single grade. The devices and portraits on the coins (other than rulers) are not identified. (Joseph E. Boling)

AFRICA -- MEDIEVAL AND MODERN

356 BEN ROMDHANE, KHALED. *Contribution à l'histoire monétaire du Maghreb médiéval: Monnaies de l'Ifriqiya: de la Conquête arabe à la chute des Hafsides (f. I-m. X siècle H./VII-m. XVI s.).* 4 vols. Doctoral thesis, Paris, University of the Sorbonne 1997.

This study covers eight centuries, a period consisting of several stages, each one of which requires separate attention. To ensure better comprehension of the entirety of medieval Ifriqiya coins, the author attempts to answer questions in the following categories: the rich monetary past of this Mediterranean region; technical details of Arabic minting from a synthesis of the main known treatises; appraisal of the monetary inscriptions in terms of text, paleography and typology; Arabic terminology used to refer to the two main gold and silver coins, and the juridical position on coins, with a chronology of the mints and historical facts in comparison with weights and percent of finances. (Author)

357 CHARBI, MOHAMED LAZHAR. *Banques et crédits au Maghreb: de 1848 à 1914.* Doctorat d'état di'Histoire, University of Tunis-Reims 1998.

Based on documentation, this thesis demonstrates the role that banks played in the Protectorate and colonialist context of the Maghreb. Each of the three countries had its own political evolution, but there was a common denominator between them in the financial arena. The author argues that the banks (La Banque d'Algérie, La Banque de Tunisie, and, after 1912, La Banque de Paris et des Pays Bas) took on the role of simple pawnbrokers and even usurers for Morocco. (Khaled Ben Romdhane)

358 SCHOONHEYT, J.A. La collection de tissus du Cabinet des Médailles de Bruxelles. *RBN* 143 (1997) pp. 155-63.

The author discusses the use of pieces of cloth as a medium of exchange in the Independent Congo State at the end of the 19th century. He also presents a short survey of the collection of 'primitive money' in the coin cabinet of Brussels (Belgium). (Johan van Heesch)

EUROPE -- MEDIEVAL AND MODERN

GREAT BRITAIN AND IRELAND

359 EAGLEN, R.J. The mint at Bury St Edmunds. Antonia Gransden, ed., *Medieval Art, Architecture and Economy at Bury St Edmunds*. British Archaeological Association Conference Transactions 20 (Leeds 1998) pp. 111-21.

This is an account of the ecclesiastical mint of Bury St Edmunds, including its origins, coins, contribution to English money supply and administration.

(Martin Allen)

360 KIERNAN, PHILIP. An Introduction to Evasions. CCS 2 no. 1 (March 1997) pp. 10-12 illus.

British evasion coppers are discussed briefly, including the underlying economic reasons for their development.

(Joseph E. Boling)

361 KIERNAN, PHILIP. An 18th Century Diatribe Against Coining. CCS 3 nos. 1 and 2 (1998) pp. 4-6, 27 illus.

A 1751 British pamphlet railing against contemporary counterfeiting of copper coin, at a time when the mint was still producing same, is cited as evidence that it was not just coin shortages that caused counterfeiting of copper in Britain.

(Joseph E. Boling)

362 KIERNAN, PHILIP. The Rogues Gallery: Counterfeit English £2, 1823. CCS 3 nos. 1 and 2 (1998) p. 18 illus.

Three gold plated brass £2 pieces are described; their origin as jewelry pieces is suggested.

(Joseph E. Boling)

363 PETERS, KEN. Metrological Survey of 100 Counterfeit £1 Coins Obtained Randomly. CCS 2 no. 1 (March 1997), p. 9.

This article consists solely of a graph showing the weights of the 100 pieces, spread fairly evenly from 8.9 to 10.8 grams. Genuine pieces weigh 9.5-9.6 grams.

(Joseph E. Boling)

364 *Seaby Standard Catalogue of British Coins: Coins of England and the United Kingdom.* 34th edition. London, Spink 1999. 476 pp. illus.

365 VAN DAELE, MARC. La décimalisation dans l'empire britannique et le commonwealth. *Vie num* 43 (1997) pp. 98-101.

WESTERN AND CENTRAL EUROPE

366 AAGAARD, SVEN. Beskrivelse af Christian V's københavnske kronemønt 1671-92 [Description of the crowns struck in Copenhagen 1671-92 under Christian V]. *Numismatisk Rapport, Meddelelser fra Dansk Numismatisk Forening* 56 (June 1998) pp. 55-103 illus. In Danish.

On the basis of an extensive die-study the author presents a revised typology of the crowns and fractions of crowns struck in Copenhagen 1671-92. The author argues that some coins are contemporary forgeries. All types (but not all dies) are illustrated by line-drawings and selected die-diagrams are presented.

(Jens Christian Moesgaard)

367 AAGAARD, SVEN. Samtidig udenlandsk (nordtysk?) kopiering af norske Christiania-kroner fra Frederik III 1669 og Christian V 1670, 1672 og 1679 [Contemporary Foreign (Northern German?) Imitations of Norwegian Crowns 1669, 1670, 1672 and 1679]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 117-20 illus. In Danish with English summary.

The author identifies contemporary forgeries on the basis of die-studies.

(Jens Christian Moesgaard)

368 AGUD GORMAZ, A. and A. YAÑEZ SANCHEZ. Aportación al estudio de las monedas medievales con leyenda "Spania." *Numisma* 240 (1997) pp. 85-100.

369 ARBEZ, FERNAND and CHRISTIAN CHARLET. Fermeture et réouverture des monnaies de Navarre et Béarn en 1662-1663. *RN* 1997 pp. 223-64 illus.

Conflicts between the provincial authorities and the central authorities are reviewed in relation to monetary emissions. (Marc Bompaire)

370 ARBEZ, FERNAND. Régie générale des monnaies de Claude Thomas (1666-1672). *RN* 1996 pp. 285-306 illus.

371 ARSLAN, ERMANNO A. Mutamenti di funzione e di struttura degli stock monetari in Europa fra V e VIII secolo. *Morfologie sociali e culturali in Europa fra tarda antichità e alto medioevo*, Settimane di Studio del Centro Italiano di Studi sull'Alto Medioevo 45 (Spoleto 1998) pp. 381-460 illus.

This is a full discussion of the main characteristics of the various phases of European coinage between late antiquity and the Middle Ages. Organized chronologically, the work examines individual problems of the various coinages, the structure of their issues and their circulation. (Andrea Carignani)

372 BACH, HANS, HANS FRIEBE and EWALD HAUSMANN. Die sächsisch-polnische Union, das Silver und das Geld. *Freiberger Münzblätter* 7 (1998) pp. 3-15.

373 BAERTEN, JEAN. Le modèle du gros tournois. Un vieux débat à rouvrir. *CENB* 34 (1997) pp. 71-74.

374 BALAGUER, A.M. La seca isabelina de Barcelona. L'inventari de l'any 1841. *Acta Num* 27 (1997) pp. 121-54.

375 BALAGUER, A.M. Troballes monetaries. XIII. *Acta Num* 27 (1997) pp. 227-33.

376 BALBI DI CARO, SILVANA. La monetazione granducale per Livorno. S. Balbi di Caro, ed., *Merci e monete a Livorno in età granducale* (Milan, Silvana Editoriale 1997) pp. 147-58.

The author reconstructs the various phases of the monetary politics of the Medicis, from Ferdinand II to Gian Gastone, with particular attention to the ordinances on mercantile activity of the port of Livorno in the commercial exchanges with markets of the Levant. (Andrea Carignani)

377 BALBI DI CARO, SILVANA. Appendice II. Granducato di Toscana. Emissioni speciali. S. Balbi di Caro, ed., *Merci e monete a Livorno in età granducale* (Milan, Silvana Editoriale 1997) pp. 266-68.

This is a review of special issues for Livorno and the merchants of the Levant authorized by the Medicis from the mint of Pisa from 1595-1621 and then from the mint of Florence until 1732. (Andrea Carignani)

378 BEECKMANS, LUC. Een 18de-eeuwse noodchat uit Scheldewindeke (Oosterzele). *Zottegems genootschap voor geschiedenis en oudheidkunde. Handelingen* 8 (1997) pp. 243-62.

A hoard found at Scheldewindeke (Belgium) and containing 118 silver coins ranging from 1710 to 1796, is described. The coins were minted in the Austrian Netherlands, Austria, the bishopric of Liège and France. (Johan van Heesch)

379 BELLESIA, LORENZO. Due emissioni modenesi per il Levante. *RIN* 99 (1998) pp. 315-25 illus.

Several minor Italian mints, among them Modena, dedicated themselves during the 17th century to the forgery of European coins that were well-accepted in the markets of the eastern Mediterranean. Such illegal activity guaranteed the mints huge profits. (Andrea Carignani)

380 BERNOCCHI, MARIO. *I quarteruoli dei mercanti medievali*. Prato, Società Pratese di Storia Patria 1996. 192 pp. illus.

381 BIAGGI, ELIO. *Otto secoli di storia delle monete sabaude. Vol. 1, I conti e i duchi del Medioevo da Oddone a Filiberto II, sec. XI-1504*. Turin 1993. 416 pp. illus.

This first volume, devoted to the history of coins of the house of Savoy, concentrates on the period up to 1504. The published material comes predominantly from collections in Turin, Lyon and Chambray. (Andrea Carignani)

382 BÜTTNER, DETLEV and HELMUT REITZ. Rose und welfischer Löwe. Ein Beitrag zur Münzprägung der Grafen von Hallermund. *JNG* 46 (1996) p. 115 ff.

This is a presentation and attribution of lion-bracteates of the Guelphic vassal counts of Hallermund from the 12th-13th centuries, showing the rose as an emblem of their dynasty. These issues are compared with those of other counts. (Gerd Stumpf)

383 CAMPIGNOLO, MATTEO. La fouille et le hasard: récentes trouvailles monétaires. *Genava* 44 (1996) pp. 43-50 illus.

384 CHAREYRON, R. Nouvelle monnaie à la Vierge de Guillaume de Roussillon, évêque et comte de Valence et de Die. *BSFN* 53 no. 4 (1998) pp. 88-89 illus.

385 CHARLET, CHRISTIAN. Un essai en or (1634) au nom du prince de Monaco conservé au Cabinet des Médailles (collection de Beistegui). *BSFN* 53 no. 6 (1998) pp. 173-76 illus.

The pattern for this 500-franc coin was struck at Paris for unknown reasons.

(Marc Bompaire)

386 CHARLET, CHRISTIAN. Liard hybride inédit de Louis XIV, non daté, frappé à Metz entre 1693 et 1700. *BSFN* 53 no. 3 (1998) pp. 36-37 illus.

The author reviews hybrids from the end of the 16th century associating dies of liards, twelfths of ecus and half-louis.

(Marc Bompaire)

387 CHARLET, CHRISTIAN. Pièce de 100 francs en argent frappée pour les 700 ans de la dynastie des Grimaldi à Monaco (1297-1997). *BSFN* 52 no. 8 (1997) pp. 174-75 illus.

The author reviews the history and monetary history of the Grimaldis.

(Marc Bompaire)

388 CLAIRAND, ARNAUD and LAURENT SCHMITT. L'écu dit aux 8 L de Pau de 1726 enfin retrouvé. *BSFN* 52 no. 10 (1997) pp. 209-14 illus.

The authors present documentary evidence for products of the first days of 1726 in this workshop.

(Marc Bompaire)

389 CLAIRAND, ARNAUD. Un écu de Louis XV de 1764 surfrappé à Paris sur une pièce de huit réaux de Lima. *BSFN* 53 no. 5 (1998) pp. 103-5 illus.

Descriptions of elements overstruck and of the edge which assures the identification of the coin, interpreted as a moneyer's fraud.

(Marc Bompaire)

390 CLAIRAND, ARNAUD. Un témoignage de l'occupation française en Italie: l'atelier monétaire de Modène (1703-1706). *RN* 1997 pp. 265-90 illus.

The author publishes and comments on documents describing the installation of the workshop and the issues in the name of Louis XIV.

(Marc Bompaire)

391 CLAIRAND, A., D. HOLLARD and M. GUERRA. Un trésor de fausses monnaies duciales de Savoie découvert en 1955 à Samognat (Ain). *TM* 16 (1997) pp. 147-62 illus.

A hoard containing 23 ancient coins and some ducal coins of Savoy of the 16th century was discovered in 1955. The hoard contained at least 126 examples of the parpaïolles of Savoy. It appears that these are imitations of the workshop of Gex whose activity was interrupted when it was taken by Geneva in 1589.

(Michel Amandry)

392 CRINON, PIERRE and RICHARD PROT. L'atelier de Guise sous Charles VII, à propos d'un petit blanc à la couronne inédit. *BSFN* 53 no. 6 (1998) pp. 139-45 illus.

Activity that is certified for the period 1419-21 includes 12-carat agneaux mentioned in the books of money-changers, guenars and florettes marked with a G in hoards and again from 1436-42; seven blancs à la couronne, 1 small blanc and 1 double tournois.

(Marc Bompaire)

393 CRINON, PIERRE. Un denier mérovingien inédit de Saint-Martin de Tours (vers le milieu du VIIIe siècle). *BSFN* 52 no. 9 (1997) pp. 186-89 illus.

A denier with a globule and pentagram belongs to a period of transition from Merovingian to Carolingian coinage.

(Marc Bompaire)

394 CRINON, PIERRE and JEAN-PIERRE GARNIER. Ecus d'or du XVIe siècle réparés: aspects techniques et début de conclusion. *BSFN* 53 no. 1 (1998) pp. 6-10 illus.

The authors present three unpublished pieces of Louis XII and Francis I and a review of those pieces already known. The joining of fractions of coins or of metal (but not of jetons) with the help of pliers is contemporaneous with an ordinance of 1541 calling these "welded" coins.

(Marc Bompaire)

395 CRINON, PIERRE, JEAN-PIERRE GARNIER and MICHEL HOURLIER. Les monnaies frappées à Laon sous la Ligue. *BSFN* 53 no. 6 (1998) pp. 151-60 illus.

A review of the history of this coinage in the name of Charles X attests to, for the period 1590-93, an inventory of 13 ecus (8 illustrated), two patterns and three 1/4-ecus from 1590, 11 from 1591 (3 illustrated), 6 pignatelles from 1590 and one 1/4-ecu of Henri IV.

(Marc Bompaire)

396 CRINON, PIERRE. L'obole rémoise inédite de Gerbert (991-998) et Hugues Capet (987-996). *BSFN* 53 no. 3 (1998) pp. 33-35 illus.

The author reviews three types of deniers known and their sources, and proposes a date of 991-95 for these coins, which correspond to the first type. (*Marc Bompaire*)

397 CRINON, PIERRE, MICHEL DHÉNIN and JEAN-JACQUES LAGASSE. Les oboles de Laon au type GDR (864-875). *BSFN* 53 no. 6 (1998) pp. 122-27 illus.

The authors publish 13 examples divided among three types. They discuss the typology, metrology and the hoards which do not allow definite classification of these coins. (*Marc Bompaire*)

398 CRINON, PIERRE. Variété du demi-guénar de la 1ère émission (24 octobre 1388). *BSFN* 52 no. 8 (1997) pp. 165-66 illus.

399 CRIPPA, CARLO. *Le monete di Milano dalla dominazione austriaca alla chiusura della zecca, dal 1706 al 1892*. Milan, Carlo Crippa Editore 1997. 550 pp. illus.

Through study of archival documents and numismatic material the author covers the history of issues of the mint of Milan up to its closure. He examines coins of the Republic of Italy (1802-5), the Kingdom of Italy (1806-7), Austrian domination and, finally, the Kingdom of Italy up to 1892. (*Andrea Carignani*)

400 CRUSAFONT I SABATER, M. and LL. BALSACH. Pellofes no publicades de la collecció Balsach. *Acta Num* 27 (1997) pp. 155-75.

401 CRUSAFONT I SABATER, M. Segona addició de monedes catalanes locals. *Acta Num* 27 (1997) pp. 71-110.

402 D'ALONZO, MARIA DANIELA. Informatizzazione dei dati ed elaborazioni grafiche. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 955-68 illus.

The results of the research of Pietro Lorenzelli are presented by the author through a series of graphic elaborations intended to illustrate various aspects of the chronology, circulation and composition of this coinage. (*Andrea Carignani*)

403 DENAYER, A. Les brulés au perron de Jean de Heinsberg et leurs imitations. *Vie num* 47 (1997) pp. 11-18

404 DENGIS, J.-L. Les fouilles de l'église abbatiale de Stavelot. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 259-300.

405 DENGIS, J.-L. La première loi monétaire belge. *Vie num* 43 (1997) pp. 93-95.

406 DEPEYROT, GEORGES. *Le numéraire mérovingien l'âge de l'or III. Les ateliers centraux*. Collection Moneta 13. Wetteren, Belgium 1998. ISBN 90-74623-19-0.

This is the third volume devoted to Merovingian gold issues struck between the first issues characteristic of the Merovingians (in the 6th century) and the abandonments of gold for silver in 675. This volume concentrates on issues of mints from the center of France, primarily the regions between the Seine and Loire valleys. For each workshop, the author describes the various issues, i.e. type and approximate date, the names of the various moneyers, etc. There is a brief commentary on each.

(Author)

407 DEPEYROT, GEORGES. *Le numéraire mérovingien l'âge de l'or IV. Les ateliers méridionaux*. Collection Moneta 14. Wetteren, Belgium 1998. ISBN 90-74623-18-2.

This volume concentrates on mints south of the Loire.

(Author)

408 DEVAUX, PATRICK. Sur quelques pièces d'argent curieuses ou inédites au temps des guerres de religion. *BSFN* 52 no. 10 (1997) pp. 209-14 illus.

The author discusses a testoon of the second type of Charles IX struck at Villeneuve in 1569; a half-testoon of the first type of Bourges from 1562; a half-testoon hybrid of Henri III from Rouen from 1575; a half-franc of Riom with an unusual portrait; a franc of Saint-Lo; and a franc of Toulouse from 1593 in the name of Henri III.

(Marc Bompaigne)

409 DEWIT, H. Denarius van Godfried van Bouillon als hertog van Neder-Lotharingen [A penny of Godfrey of Bouillon as duke of lower Lorraine]? *De Muntklapper* [Europees Genootschap voor Munt- en Penningkunde, Belgium] 16 (October 1997) pp. 1-8.

410 DEWIT, H. Monnayage et circulation monétaire pendant la période hollandaise. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 243-58.

411 DHÉNIN, MICHEL. Attribution à la première émission du demi-écu de François Ier du 2ème type (L. 637, D. 772). *BSFN* 52 no. 9 (1997) pp. 298-99 illus.

This issue can be dated to 1518-19.

(*Marc Bompaire*)

412 DHÉNIN, MICHEL and G. GUIMBAUD. Un denier de Poitiers au nom de l'évêque Gausbert (milieu du VIII^e siècle). *BSFN* 52 no. 9 (1997) pp. 285-86 illus.

The piece displays the name of a bishop and the moneyer's monogram.

(*Marc Bompaire*)

413 DHÉNIN, M. Monnaies des fouilles de la place des Hallettes à Compiègne (Oise). *RAP* special 13 (1997) pp. 309-15.

Emergency excavations revealed 23 coins, 10 of which are Carolingian. This proportion is unusual in an urban setting. The 10 coins belong to the end of the 9th century: 7 coins of Charles the Bald bear the type created by the Edict of Pîtres in 863, and there are three of Eudes (888-98). Six were found together in a single deposit. The coins were probably abandoned due to the presence of Normans in the region in 890-91.

(*Michel Amandry*)

414 DHÉNIN, MICHEL. Un second trésor médiéval découvert à La Souterraine (Creuse). *BSFN* 53 no. 1 (1998) pp. 20-22 illus.

Six coins (3 of Geoffrey II of Gien and 3 of Raoul VI of Déols) and a vase from a hoard can be dated to the end of the 12th century or the beginning of the 13th.

(*Marc Bompaire*)

415 DIAS DIOGO, A.M. and NESTOR FATIA VITAL. Moedas da Intervenção Arqueológica na Rua de São Nicolau em Lisboa [Coins from the Archeological Investigation in Street São Nicolau in Lisbon]. *Moeda* 23 no. 1 (January/ March 1998) pp. 27-29 illus. In Portuguese.

Eight Portuguese coins found by the Gabinete Técnico do Teatro Romano in São Nicolau street in Lisbon are described. One of these coins, a five Reis piece from D. João V (1706-50), establishes the date of construction of the sewer in this street, before the earthquake of 1755.

(*Alain Costilhes*)

416 DOMINGO SELLART, F. Noves aportacions al Catàleg dels croats de Barcelona, 1285-1706 (XI). *Acta Num* 27 (1997) pp. 67-70.

417 DRAGOTA, GH. and ION FRATEANU. *Tezaurul monetar de la Părâu-sec. XIV-XVII* [The hoard of medieval coins of Părâu from the 14th-17th centuries]. Făgăraș 1998. French, English and Germany summaries.

A hoard of 5372 silver coins dating to 1399-1602 was discovered in 1979 in Părâu village, Braşov county (Transylvania). Many of these coins were struck in Transylvania, Hungary, Poland, Prussia, Bohemia, and Baltic and German cities.

(Constantin Preda)

418 DULGĂU, BUJOR. Sigilli ale locurilor de adeverire aplicate pe documente sătmărene [Seals of the confirmation of the places on documents from Satu Mare]. *Stud Comun Satu Mare* 14 (1997) pp. 133-40 illus. English summary.

419 DUPLESSY, JEAN. Datation des mailles tierces à l'O rond (D 219): l'argument des imitations. *BSFN* 53 no. 3 (1998) pp. 35-36.

The only known imitations (Bar, Lorraine, Verdun) correspond to the second period of emissions (1308-11), placing in doubt the evidence that suggests an issue of 1278.

(Marc Bompaire)

420 DUPLESSY, JEAN. Hypothèses sur le denier tournois 4e type de Jean le Bon (D. 340) non retrouvé. *BSFN* 53 no. 4 (1998) pp. 89-90 illus.

A denier tournois of Charles of Navarre bears "towers" with the fleur-de-lis, a new type in the contemporary French coinage. It is compared to a royal denier known from only three issues.

(Marc Bompaire)

421 DUPLESSY, JEAN. Imitation de monnaies françaises par les évêques de Liège. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 217-19.

422 ELSEN, JEAN. L'atelier de Rolduc à la fin du 13e siècle. *JEListeFPL* 160 (1994) pp. 3-15.

423 ELSEN, JEAN. Un demi-gros inconnu de Henri VII, comte de Luxembourg (1288-1309), frappé à Bastogne. *JEListeFPL* 177 (1995) pp. 2-7.

424 ENGBARTH, T. and FISCHER, J.F. Ein neuer Münztyp aus der Gruppe der "argentei minuti" vom Zähringer Burgberg, Gem. Gundelfingen, Kreis Breisgau-Hochschwarzwald. *Archäologische Nachrichten aus Baden* (Förderkreis Archäologie in Baden e.V., Freiburg i.Br.) 58 (1998) pp. 18-28 illus.

The authors present a small silver coin with a bust and a cross scepter found in archaeological investigations and consider it a Merovingian silver coin. (Peter Ilisch)

425 ESPAÑA, S. Las acuñaciones monetarias de Sancho IV según el Ordenamiento de Vitoria. *Numisma* 240 (1997) pp. 101-22.

426 FINETTI, ANGELO. La moneta di Bergamo, problemi e prospettive. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 7-10.

In the introduction to this volume, the author comments on studies of the issues of this mint, active between the 13th and 14th centuries. (Andrea Carignani)

427 FISCHER, J.F. Ein unbekannter Merowingertriens aus Heitersheim. *Archäologische Nachrichten aus Baden* (Förderkreis Archäologie in Baden e.V., Freiburg i.Br.) 58 (1998) pp. 28-30 illus.

A Merovingian triens of crude style was found in a grave in Heitersheim. It is dated to the period ca. 650-70. (Peter Ilisch)

428 FORNITZ, MICHAEL. 'Bitegn' i den sene vikingetid - metode og signifikans [Subsidiary Symbols of the late Viking Age - Method and Significance]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 28-30 illus. In Danish with English summary.

429 FRERE, HUBERT. Le denier carolingien (2e complément). *RBN* 143 (1997) pp. 95-112.

The author presents notes on Carolingian coins found or struck in mints situated in modern Belgium. This paper is a complement to H. Frère, *Le denier carolingien, spécialement en Belgique*, 1977. (Johan van Heesch)

430 FRERE, HUBERT. Etudes de numismatique liégeoise. Les premières monnaies de l'Eglise de Liège. *RBN* 143 (1997) pp. 113-24.

This study concerns the earliest coins issued by the Church of Liège (Belgium), primarily in the 9th century. (Johan van Heesch)

431 FRERE, H. Monnaies liégeoises de Maastricht aux types impériaux. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 201-15.

432 FRERE, HUBERT. Noms et titres sur les monnaies liégeoises [Belgium]. *Bulletin de l'Institut archéologique liégeois* 108 (1996 [1997]) pp. 335-52.

433 FROCHOSO SANCHEZ, R. Los feluses del emirato independiente. *Numisma* 239 (1997) pp. 9-73.

434 FROIDEVAUX, CHARLES. La crise monétaire et les batz de Neuchâtel sous les Orléans-Longueville aux XVI^e et XVII^e siècles. *SNR* 75 (1996) pp. 177-235 illus.

435 FURRER, NORBERT. *Das Münzgeld der Alten Schweiz: Grundriss*. Zürich 1995. 235 pp. illus.

436 GHILINO, SILVANO. *Una banchiere del '600: Stefano Balbi*. Genoa, Università di Genova, Dipartimento di Storia moderna e contemporanea 1996. 162 pp.

The economic and financial activities of Stefano, Bartolomeo and Antonio Balbi, merchants and bankers of the 17th century active in Genoa, Milan and Antwerp, are described based on a manuscript from 1628-32. (Andrea Carignani)

437 GHYSSENS, JOSEPH. *Choix de textes antérieurs à 1400 relatifs aux monnaies des Pays-Bas du Sud: textes utiles au numismate du Moyen Age*. Université Catholique de Louvain. Département d'archéologie et d'histoire de l'art. Document de travail 1. Louvain-la-Neuve 1997. 221 pp.

438 GIANAZZA, LUCA. Bibliografia per la numismatica longobarda. *RIN* 99 (1998) pp. 269-93.

This is a complete bibliography of Lombard coinage. The work is arranged in three chapters devoted to issues of the Po Valley and Tuscany, the mint of Lucca, and the Lombard coins of southern Italy. (Andrea Carignani)

439 GODIN, JACQUES. Office inédit à la monnaie de Troyes (1422-1425) pendant l'occupation anglo-bourguignonne de la ville. *BSFN* 52 no. 8 (1997) pp. 166-69 illus.

The author mentions two particular masters and lists the officers and moneyers of the mint for this period. (Marc Bompaire)

440 GOLABIEWSKI LANNBY, MONICA. Skatten vid Silverhättan i Visby [The hoard from Silverhättan in Visby]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festschrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) p. 66-69 illus. In Swedish with English summary.

The author discusses a 12th century hoard from Visby, Gotland, and its importance for the interpretation of the motives on the local coinage of that time.

(Jens Christian Moesgaard)

441 GORINI, GIOVANNI. Le monete e le medaglie dei Della Rovere. *Pesaro nell'età dei Della Rovere*, vol. III.1. (Venice, Fondazione Cassa di Risparmio di Pesaro, Comune di Pesaro, Marsilio editore 1998) pp. 305-27 illus.

This work is devoted to reconstruction of the development of the mint of Pesaro in the period from 1513 to 1631.

(Andrea Carignani)

442 GREISSLER, PAUL. Les monnaies spécifiques de Strasbourg (1682-1690). *RN* 1996 pp. 307-26 illus.

443 GRINDER-HANSEN, KELD. Dansk møntcirkulation i anden halvdel af 1300-tallet - nogle metodiske bemærkninger [Danish Coin Circulation in the Second Half of the 14th Century - some Remarks on Methodology]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 36-40. In Danish with English summary.

444 GROSSI, PIER LUIGI. Una moneta sconosciuta di Tassarolo. *RIN* 99 (1998) pp. 311-13 illus.

The author publishes a 1/8 scudo issued in 1604 by the mint of Tassarolo. The obverse bears a portrait of Count Agostino Spinola and the reverse bears the Habsburg coat of arms.

(Andrea Carignani)

445 GULLBEKK, SVEIN H. Henrik Willialmsson myntare j Þrondeimi. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 41-44 illus. In Norwegian with English summary.

The author draws attention to a seal strip mentioning a hitherto unnoticed Norwegian mint master of the 14th century.

(Jens Christian Moesgaard)

446 GUSTIN, INGRID. Means of payment and the use of coins in the Viking-Age settlement of Birka in Sweden. Preliminary results. G. De Boe and F. Verhaeghe (Eds.), *Exchange and trade in Medieval Europe. Papers of the "Medieval Europe Brugge 1997" conference*, vol. III. I.A.P. rapporten 3 (Zellik 1997) pp. 147-53.

447 HAECK, A. Les monnaies médiévales liégeoises et la circulation monétaire au Pays de Liège au Moyen Age. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 221-30.

448 HANGANU, LILIANA-NICOLETA and GIULIO BERNARDI. The "25,000 lei 1946" unknown sample. *SCN* 11 (1995, publ. 1997) pp. 219-23 illus.

The authors present a proof for a silver coin of 25,000 lei in 1946 and discuss the circumstances under which this project was abandoned in the inflationary period after the war in Romania. They also provide background on the artist Ioana Basarab Starostescu.
(Gh. Poenaru Bordea)

449 HEIERMANN, GERHARD. Das Notgeld der Stadt Eldagsen. *GN* 33 (1998) pp. 321-29 illus.

Details about the issue of emergency coinage and paper money in Eldagsen (Lower Saxony) in 1920/21 are revealed.
(Peter Ilisch)

450 HEINTZ, MICHAELA. Zwei Münzer bei der Arbeit, ein sächsischer Holzschnitt der Reformationszeit. *GN* 33 (1998) pp. 309-12 illus.

A Saxon wood carving showing two minters in a book printed in 1530 is tentatively attributed to Georg Lemberger.
(Peter Ilisch)

451 HENRY, E. Quelques observations inédites sur les tranches des écus d'argent de Louis XIV (1643-1715). *BSFN* 53 no. 5 (1998) pp. 102-3 illus.

The author surveys the types used beginning in 1685 in relation to legal regulations.
(Marc Bompaire)

452 HESS, WOLFGANG. Reichsikonographie auf Münzen der Neuzeit. Rainer A. Müller, ed., *Bilder des Reiches. Irseer Schriften* 4 (Sigmaringen, Jan Thorbecke Verlag 1997) pp. 169-87.

The symbols representing the imperial power on German late medieval and early modern coins are investigated.
(Peter Ilisch)

453 HOLOUBEK, J. and STEPHAN SOMBART. Un huitième d'écu inédit d'Henri IV, 1603 Poitiers. *BSFN* 52 no. 10 (1997) pp. 209-14 illus.

454 HOLT, ANTON. Fynd av mynt från vikingatiden på Island [Coin Finds from the Viking Age in Iceland]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festschrift til Jørgen Steen Jensen 1. november 1998*

(Copenhagen, Nordisk Numismatisk Union 1998) pp. 45-47 illus. In Swedish with English summary.

455 HOUPLIER, MICHEL. Une empreinte monétaire laonnoise sur plomb (XIIe-XIIIe siècle). *BSFN* 53 no. 6 (1998) pp. 132-34 illus.

This lead object bears the type of deniers of Roger de Rozoy. The author lists five comparable Carolingian and medieval objects from the 12th-13th centuries.

(Marc Bompaire)

456 HOUPLIER, MICHEL and PIERRE CRINON. Les monnaies de Charles VII frappées à Laon. *BSFN* 53 no. 6 (1998) pp. 139-45 illus.

457 HOUPLIER, MICHEL. Les monnaies de plomb des rois des braies de Laon (XVe-XVIe siècle). *BSFN* 53 no. 6 (1998) pp. 160-63 illus.

Noted in the archives of the city from 1410 to 1550 are seven varieties of mereau and one die.

(Marc Bompaire)

458 IBAÑEZ ARTICA, MIGUEL. El hallazgo monetario de la Iglesia de San Esteban (Oiartzum). *Apartado Arqueológico* 1995. In Spanish and Basque.

A report of 900 coins found under the floor of the church of San Esteban in the city of Oiartzum in the Basque provinces is presented. Among these coins, 98 are of Portuguese origin from the 14th to the 16th centuries. An abstract of this book by Jorge Souto was published in *A Permuta* 89 (September/December 1997) pp. 18-20 illus., in Portuguese.

(Alain Costilhes)

459 IBAÑEZ ARTICA, M. Moneda de necesidad acuñada en Navarra durante la guerra con Castilla (1429-1431). *GacNum* 129 (1998) pp. 37-52.

460 ILISCH, PETER. Geld und Münze während des Dreißigjährigen Krieges. Klaus Bußmann and Heinz Schilling, eds., *1648, Krieg und Frieden in Europa. Textband I: Politik, Religion, Recht und Gesellschaft* (Münster/Osnabrück, Verlagsgesellschaft 350 Jahre Westfälischer Friede GmbH 1998) pp. 345-51 illus. ISBN 3-88789-127-9.

The Thirty Years War started in the German Empire with an enormous crisis of the circulating coinage. The effects of this in the various parts of the empire as well as the striking from then until the end of the war in 1648 are surveyed.

(Author)

461 ILISCH, PETER. Les monnaies de l'empire, celles de Basse-Lotharingie incluses et l'économie monétaire en Europe aux 10^e et 11^e siècles. *RBN* 143 (1997) pp. 125-35.

462 *Inventar der Fundmünzen der Schweiz. Bulletin IFS/ITMS/IRMS* 3. Lausanne, Inventaire des trouvailles monétaires suisses 1996. 36 pp.

This is a list of coin finds and complete bibliography concerning coin finds in Switzerland in 1995. (Benedikt Zäch)

463 *Inventar der Fundmünzen der Schweiz. Bulletin IFS/ITMS/IRMS* 4. Lausanne, Inventaire des trouvailles monétaires suisses 1997. 40 pp.

This is a list of coin finds and complete bibliography concerning coin finds in Switzerland in 1996. (Benedikt Zäch)

464 IRSIGLER, FRANZ. Währungen und Währungsräume zwischen Mittelrhein und Mosel im Mittelalter. *Kurtrierisches Jahrbuch (Verein Kurtrierisches Jahrbuch)* 37 (1997) pp. 61-75.

The author discusses the regionalization of currency, the formation of currency borders, and the intrusion of deniers, gros tournois and gold in the central Rhineland and Upper Lotharingia from the 11th to the 14th century. (Peter Ilisch)

465 JEANNE-ROSE, OLIVIER. La monnaie en Poitou au début de l'époque féodale (fin IX^e-milieu XI^e siècle). *Bulletin de la société des antiquaires de l'Ouest et des musées de Poitiers* 5th ser. 9 (1995) pp. 163-236.

The author discusses various workshops. The pieces indicate an immobilization under Louis IV at Saintes, in the type META/LLO in Poitou around 910/950, followed by a progressive reduction in weight. The proposed interpretation describes a renewal in the 10th century in Poitou followed by a lack of coinage in the middle of the 11th century, a sign of continued expansion. (Marc Bompaire)

466 JENSEN, JØRGEN STEEN. Mønter. J. Hjerminde *et al.*, *Viborg Søndersø 1000-1300, Byarkæologiske undersøgelser* (Jysk arkæologisk Selskab, Højbjerg and Århus University Press 1998) pp. 88-91 illus. In Danish.

The author publishes 21 10th-18th century, mainly medieval, coins and coin-like items from the important excavations in Viborg, Denmark. Attention should be drawn to a brass imitation of a coin of Henry III of Germany (1039-1056) and two 12th century German bracteates which are rare in Denmark. (Jens Christian Moesgaard)

467 JÖRN, ERHARD and RUDOLF. *Der Beginn des Westharzer Bergbaus auf Silber und die Schaffung der Otto-Adelheid-Pfennige (OAP). Wiedaer Hefte 5.* Wieda/Harz, Authors 1998. 76 pp.

The authors discuss the beginning of silver mining in the Harz and the creation of the so-called Otto-Adelheid-Pfennigs (Otto I or III?). Mainly historical arguments lead them to the conclusion that the OAP were first struck in 951/952 in Italy, then in Magdeburg and later on in all active Saxon mints. (Peter Ilisch)

468 KLEIN, ULRICH. Ein Groschen des Gotteshausbunds von 1628. *SM 47* (1997) pp. 100–5 illus.

469 KLEIN, ULRICH. Sulzer Goldgulden für das Stuttgarter Münzkabinett. *NNb 47* (1998) pp. 315–19 illus.

The author catalogues all issues of the count of Sulz Karl Ludwig Ernst struck around 1621. (Peter Ilisch)

470 KLOSE, DIETRICH O.A. Das 20 Kreuzer-Stück und sein Umlauf im Bayern des 18. und frühen 19. Jahrhunderts. *JNG 46* (1996) p. 141 ff.

This is a statistical study on the percentage of 20 Kreuzer pieces from 14 Bavarian hoards ending between 1791 and 1821. The mint distribution and dates of the issues are investigated. Written sources provide absolute numbers for each year of the Habsburg monarchy. One can draw conclusions about coin circulation and minting activity based on hoard evidence. (Author)

471 KLÜSSENDORF, NIKLOT. Zeitungen als Quelle zur Münz- und Geldgeschichte. Mit Beispielen aus dem Kurfürstentum Hessen und seinen Nachbarterritorien. *GN 33* (1998) pp. 261–70 illus.

472 KÖTTNITZ, HANS-JÜRGEN and THOMAS ARNOLD. Einzelmünzfunde aus dem Bereich des Rochlitzer Schlosses. *Vom Turm geschaut, Streifzüge durch die Geithainer Region und ihre Geschichte 7* (1998) pp. 54–57.

The author describes 13 Saxon coins. (Paul Arnold)

473 KUNZEL, MICHAEL. *Die Münzen der Hansestadt Wismar 1359 bis 1854. Münzgeschichte und Prägekatalog.* Wismarer Studien zur Archäologie und Geschichte 6 and Berliner Numismatische Forschungen N.F. 7. Wismar and Berlin 1998. 346 pp. illus.

474 KUNZMANN, RUEDI. Die Taler und Halbtaler Zürichs im 18. Jahrhundert. *HMZ* 32 (1997) pp. 530–37 illus.

475 LAFAURIE, JEAN. La chevelure de Dagobert Ier. *BSFN* 53 no. 5 (1998) pp. 99–101 illus.

On the solidus of Limoges it is possible to see a long braid formed of five “shells” comprising the mark of royal power. (Marc Bompaire)

476 LAFAURIE, JEAN. Collier orné de monnaies en or du VI^e siècle, trouvé aux environs de Liège (Belgique). *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 171–84.

477 LAFAURIE, JEAN. Deniers abbaciaux mérovingiens d'Auxerre, Doussay, Saint-Denis et Vvicus-Saint-Josse. *BSFN* 52 no. 9 (1997) pp. 181–84 illus.

A cowl is represented on a tremissis and some Merovingian deniers attributable to the abbots. This type on coins of Vvicus is associated with the foundation of the monastery of Saint-Josse. (Marc Bompaire)

478 LAFAURIE, JEAN. Monnaies frappées en Gaule à l'époque de Clovis. M. Rouche, ed., *Clovis, histoire et mémoire* (Paris 1997) pp. 769–802 illus.

479 LAFAURIE, JEAN. Les monnaies attribuables à Laon (Aisne) à l'époque mérovingienne. *BSFN* 53 no. 6 (1998) pp. 116–21 illus.

Coins in the name of Anastasius marked L or LV (distributed among Lisieux, Lyon and Laon), coins of Theodebert with LV or CLAV, and tremisses of 580–640 with LAVDVNO CLOATO are discussed. (Marc Bompaire)

480 LE FLOCH, YANN. Un rare huitième d'écu de Henri IV de l'atelier de Montpellier: marques de maître et de graveur inédites. *BSFN* 53 no. 5 (1998) pp. 105–6 illus.

The coin dates to 1608 and bears the marks of the master J. Estore and the engaver J. Fréret. (Marc Bompaire)

481 LEIMUS, IVAR. Gotlands og Livlands ældste mønthistorie belyst af middelalderlige love [The beginning of coinage in Gotland and Livonia in the light of medieval laws]. *NNUM* 4 (1998) pp. 59–63 illus. In Danish.

482 LINK, EBERHARD and KLAUS PRIESE. Also doch Mainz und nicht Erfurt! Kurmainz, Emmerich Joseph von Breitbach-Bürrsheim (1763-1774), 4 Pfennige 1766. *GN* 33 (1998) pp. 140-42 illus.

483 LINK, EBERHARD. Der "Dukat des Erzbistums Mainz von 1633." Bemerkungen- teils spitze - zum krakulösen Vorkommen einer "Phantom-Münze." *GN* 33 (1998) pp. 253-58 illus.

The author reveals that a ducat which had been offered several times during the 19th century in the trade as struck in Mainz in 1633 in fact is from 1638. (*Peter Ilisch*)

484 LORENZELLI, PIETRO. Catalogo. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 61-917 illus.

The author publishes 194 types issued by the mint of Bergamo, with a catalogue organized typologically. (*Andrea Carignani*)

485 LORENZELLI, PIETRO. I tipi della zecca federiciana: ipotesi cronologica. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 921-54 illus.

The author provides a relative chronology of issues of the mint of Bergamo, active from 1236 to the early 14th century. (*Andrea Carignani*)

486 LULLIRI, GIUSEPPE and MARIA BONARIA URBAN. *Le monete della Sardegna vandalica*. Sassari, Carlo Delfino editore 1996. 174 pp. illus.

This is a full discussion of issues of the Vandals during their occupation of Sardinia between the 5th and 6th centuries. (*Andrea Carignani*)

487 MALMER, BRITA. Ormtypen i Lund. Några anmärkningar till Hauberg II:20 och IV:1 [Some Remarks to the "Serpent" type of Lund, Hauberg II:20 and IV:1]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 70-71 illus. In Swedish with English summary.

488 MEERT, CHRISTIAN. Les monnaies de l'atelier de Cugnon sous Ferdinand-Charles de Loewenstein-Wertheim, comte de Rochefort (1644-1672). Essai de classement. *CENB* 34 (1997) pp. 1-7.

489 MERSON, RICHARD A. Gros tournois et mailles tierces, essai de clarification. *BSFN* 53 no. 6 (1998) pp. 134-39.

The author identifies this coin with the gros struck in 1305 by R. Huguet, imitated in Flanders by Robert (count, beginning in 1305), in Savoy and Piedmont in 1307 and in Provence beginning in 1305. Comparable items from Italy and France, and five hoards indicate that the circulation of the first type began before 1290, and that the second type, struck from 1308-11, was the object of contemporaneous imitations.
(Marc Bompaire)

490 MOENS, JAN. L'Histoire de l'union monétaire latine (1866-1926). *CENB* 34 (1997) pp. 41-54.

491 MOESGAARD, JENS CHRISTIAN. Enkeltfundne mønter: tab eller tilfældigheder [Single Finds: Losses from Circulation?]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 72-75. In Danish with English summary.

492 MOESGAARD, JENS C. *Renovatio monetae* en Normandie à l'époque ducale? *BSFN* 53 no. 6 (1998) pp. 127-31.

493 Le monete per Livorno. Atlante. S. Balbi di Caro, ed., *Merci e monete a Livorno in età granducale* (Milan, Silvana Editoriale 1997) pp. 159-258 illus.

This is an illustrated review with full photographic catalogue of representative issues of the Medici for the city of Livorno between the mid-17th century and the end of the dynasty in 1737.
(Andrea Carignani)

494 *Le monnayage en Bourbonnais*. Association grand site, millénaire de saint Mayeul (994-1994). Souvigny 1994. 88 pp.

The coinage is reviewed by R. Berillon (to 1213) and M. Dhénin (1213-1321), who present documents, finds and coins (seven groups whose classification is precise).
(Marc Bompaire)

495 MORENZONI, FRANCO. Quelques précisions à propos de l'atelier monétaire de Saint-Maurice d'Agaune vers le milieu du 14^e siècle. *Vallesia* 51 (1996) pp. 239-42.

496 MUREȘAN, ANGELA, VIORICA SUCIU and DAN D. OVIDIU. Tezaurul monetar medieval descoperit la Sebeș (jud. Alba) datând din sec. XVII-XVIII [Medieval coin hoard discovered at Sebeș (Alba county) from the 17th-18th centuries]. *Apulum* 34 (1997) pp. 287-95. French summary.

The hoard was discovered in 1992 at Sebeș on the ancient rue Mihai Viteazul, outside the medieval enclosure. The 87 coins range from 1624 to 1727 and were struck in Austria (58), by the German dukes (8), the bishopric of Olmütz (2), Hungary (10) and Transylvania (3), plus some unidentified coins. (Gh. Poenaru Bordea)

497 MURRAY, G. Felipe II: la falta de la sigla del ensayador en sus monedas del Real Ingenio de Segovia. *GacNum* 129 (1998) pp. 53-62.

498 NIELSEN, PREBEN. Kongeligt guld - guldaflslag fra Margrethe II [Royal Gold - Gold Coins from Margrethe II (1972-)]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 76-77 illus. In Danish with English summary.

499 NOLL, GUDRUN and HANS-OTTO POLLMANN. *Der Erfurter Brakteatenschatz*. Erfurt 1997. 114 pp. illus.

This hoard contained 880 complete, 391 half and 32 quarter bracteates as well as 2 denari. (Paul Arnold)

500 OLIVARI, MARCO. Le monete coniate a Venezia per Bergamo. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 17-26 illus.

The article is based on a series of archival documents relating to issues of the mint of Venice for the city of Bergamo and its territory between the 15th and 16th centuries. (Andrea Carignani)

501 ÖSTERGREN, MAJVOR AND KENNETH JONSSON. Varför fick Gotland dansk mynträkning vid 1400-talets mitt [Why was the Accounting System on Gotland changed to a Danish System in the Mid-15th Century?]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 112-16 illus. In Swedish with English summary..

502 OZARCHIEVICI, HORIA and STEFAN URSACHI. Noile monede și medalii ale Băncii Naționale a României [New coins and medals issued by the National Bank of Romania]. *CercetNum* 7 (1996) pp. 213-16 illus. English summary.

In 1995 the National Bank of Romania issued two coins with a nominal value of 100 lei (silver) and 10 lei (common metal). In 1996 two other silver coins of 100 lei were struck, dedicated to the European Soccer Championship in England and to the Olympic Games in Atlanta (the centenary of the modern Olympic games, 1896-1996).

(Constantin Preda)

503 PARVAN, KATIUȘA. Medieval and modern coins discovered at Pleșești, Suceava County. *CercetNum* 7 (1996) pp. 161-67 illus. English summary.

Medieval and modern coins from the 15th-19th centuries were discovered at Pleșești, Suceava county. They include issues of Tsar Sracimir of Vidin, the duchy of Lithuania, Holy Roman Empire and Austria. The oldest coin is that of Sracimir, one of the rare coins of this type discovered in Moldavia.

(Constantin Preda)

504 PELLICER I BRU, J. *Glosario de Maestros de Ceca y Ensayadores (Siglos XIII-XX)*. 2nd ed., revised and enlarged. Madrid, Museo de la Casa de Moneda 1997. 425 pp. illus. ISBN 84-89157-09-X.

Ample new data concerning the Spanish mints' assayers have come to light since the first edition of 1975. The extensive additional information prompted the author to revise and extend his work considerably. There are various new entries as well as some revisions, inclusive for the Spanish colonial mints in Latin America. Pages 27-91 present chronological sequences of the marks of all hitherto known assayers at Spanish mints; pp. 95-357 offer a "general alphabetical and chronological catalog" of the assayers, many with ample references; pp. 359-420 are indexes of assayer tokens, assayer letters and mint places.

(K.A. Dym)

505 PELLICER I BRU, J. El senyal de la rosa (s. XIV) de Francesc Vilardell argenter als pesals dels florins. *GacNum* 129 (1998) pp. 29-36.

506 PEREZ SINDREU, F. DE P. El valor del dinero en el siglo XIX. *Numisma* 239 (1997) pp. 91-127.

507 PETROCCHI, STEFANO. Bergamo e Federico II. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 11-16 illus.

The author underscores the particular relationship between the city of Bergamo and emperor Federico II of Suevia. Evidence of this relationship is the adoption of the portrait of Federico II on the obverse of an issue of the city in 1237, bearing on the reverse an idealized view of the city with the Church of Santa Maria Maggiore, *cappella civitatis* and the symbol of municipal autonomy.

(Andrea Carignani)

508 PILET-LEMIÈRE, JACQUELINE. Obole d'Angers au type de l'édit de Pîtres. *BSFN* 52 no. 10 (1997) p. 205 illus.

Excavations at Giberville (Calvados) produced an isolated find of a denier of Saint-Sylvain d'Anjou. (Marc Bompaire)

509 POL, A. Les monétaires à Huy et Maastricht. Production et distribution des monnaies mérovingiennes mosanes. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 185-200.

510 RĂDULESCU, TOMA. Contribuții la studiul emisiunilor Țării Românești de la începutul secolului al XV-lea în lumina tezaurului de la Basarabi Dolj [Contributions to the Valachian issues at the beginning of the 15th century: the hoard of Basarabi-Dolj county]. *Oltenia* n.s. 1 (1990-95, publ. 1998) pp. 182-209.

The author publishes 451 coins of Mircea the Old (1386-1418) and 85 of Michael I (1418-20). The former group struck after 1405, belong to the fifth type, series I-V (18) and to the sixth type, issues II, III and V (433); the others belong to series III and V and to an unknown series. (Gh. Poenaru Bordea)

511 RAFF, ALBERT. Die württembergische Münzstätte Tübingen in der Kipperzeit (1621-1623). *NNb* 47 (1998) pp. 223-29 illus.

Archival sources reveal details about the opening and closing of a mint at Tübingen, striking during the monetary "kipper" crisis. The attribution of some issues of the duchy of Württemberg to the mint of Tübingen is reflected. (Peter Ilisch)

512 RISPLING, GERT. Två typer av circulationsspår på vikingatidsmynt [Two Types of Traces from Circulation on Coins from the Viking Age]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festschrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 82-85 illus. In Swedish with English summary.

513 RÖBLITZ, GÜNTHER. Braunschweigische Kopien von hessischem Groschengeld und zwei Phantasiegroschen des Nicolaus Seeländer. *JNG* 46 (1996) p. 133 ff.

From the year 1440 on the Dukes of Brunswick imitated groschen from Saxony and Hesse, reducing their intrinsic value. These actually are not considered to be real forgeries, but as a fraud, deliberately intended. Most of the imitations are thirds of groschen with lion's shield and "two shields"-groschen from Hesse. The author also discusses forgeries by Seeländer. (Gerd Stumpf)

514 RÖBLITZ, GÜNTHER. Die sächsische Münzreform von 1444 und die Pfennigprägung Thüringer Städte. *GN* 33 (1998) 189-96 illus.

The author surveys the ducal Saxon monetary reform of 1444 and discusses the civic pfennig coinages of Saalfeld, Jena, Eisenach, Weissensee and Nordhausen struck in accordance with the duke between 1444 and 1458. Six archival texts are published in full.
(Peter Ilisch)

515 RÖBLITZ, GÜNTHER. Zu den Hohlpfennigen der Stadt Naumburg im Spätmittelalter. *NNb* 47 (1998) pp. 231-33 illus.

The author surveys the striking of pfennigs by the city of Naumburg in the 14th and 15th centuries.
(Peter Ilisch)

516 ROCOUR, M. Monnaies de nécessité, jetons, méreaux liégeois modernes. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 323-39.

517 ROMA VALDES, A. La rebelión del Infante D. Sancho y su incidencia en las acuñaciones del s. XIII en León y Castilla. *Numisma* 239 (1997) pp. 75-90.

518 RÜGGERBERG, HELMUT. *Geld in Celle. Ein historischer Überblick.* Celle, Bomann-Museum 1998. 83 pp. illus. ISBN 3-925902-27-9.

Following a general introduction to the medieval monetary history of Lower Saxony, the author surveys the history of the Celle mint (copper 1576 and 1622, and from 1673 on) against the background of general German monetary history. An appendix publishes a find from a Celle pharmacy from a defective cash register containing 140 18th and 19th century coins, lost 1849-1853, a deposit from the tower of the city church and 45 coins (14th to 18th centuries) found in the choir stall of the Wienhausen monastery and some more single finds.
(Peter Ilisch)

519 RUSSO, GIANLUIGI and MICHELE CHIMIENTI. Il trabocco nella monetazione medievale italiana. *RIN* 99 (1998) pp. 295-301 illus.

520 SAETTI, FRANCO. Qualche nota su di un ducato d'oro coniato a Milano da Galeazzo Maria Sforza. *RIN* 99 (1998) pp. 303-10 illus.

The author comments on various gold ducats struck at Milan by Galeazzo Maria Sforza between 1474 and 1476, valuable examples of the monetary art of the Renaissance.
(Andrea Carignani)

521 SALAÜN, G. Quatre nouvelles imitations du double tournois de Charles VI attribuables au duc de Bretagne Jean V (1399-1442). *BSFN* 52 no. 10 (1997) pp. 206-8 illus.

The attribution of imitations to Jean IV must be modified because certain pieces present differences in the issues of 1417 and a system indicating the ateliers.

(Marc Bompaire)

522 SANAHUJA ANGUERA, X. La seca constitucional de Barcelona. *Acta Num* 27 (1997) pp. 111-20.

523 SARVAS, PEKKA. Ett finskt myntfynd från unionstidens slutperiod [A Finnish hoard from the early 16th century]. Jens Christian Moesgaard and Preben Nielsen, eds., *Ord med mening. Festskrift til Jørgen Steen Jensen 1. november 1998* (Taastrup, Nordisk Numismatisk Union 1998) pp. 88-91 illus.

The hoard consists of 80 silver coins found at Laukko manor in southwestern Finland. The coins are Danish hvids and Livonian skillings; domestic (Swedish) issues are for some reason lacking.

(T. Talvio)

524 SCHMID, GUIDO. Ein mittelalterlicher Münzschatz aus der Altstadt von Roth, Lkr. Roth. *Schatz- und Verwahrfunde im Abenberger Land. Zeugnisse der Vor- und Frühgeschichte. Vom Abenberger Land 3* (Abenberg 1995) pp. 72-76 illus.

This hoard buried between 1373/74 and 1396 contained 20 Regensburg and 2 Würzburg pfennigs.

(Peter Ilisch)

525 SCHROEDER, CLAUDIO. (6,400) Reis 1822R A Peça da Coroação [6,400 Reis 1822R The Coronation Coin]. *Boletim da Sociedade Numismática Brasileira* 42 (December 1997) pp. 19-26. In Portuguese.

The author retraces the history of the 6,400 Reis 1822 R and the pedigree as completely as possible of the 15 presently known specimens of this rare coin (only 64 were minted).

(Alain Costilhes)

526 SCHROEDER, CLAUDIO. Carimbos Piratini ditos Verdadeiros e Falsificados [The Piratini Counterstamps Genuines and Counterfeit]. *Boletim do Rio Grande Filatélico* 3 no. 1 (Sociedade Filatélica Rio Grandense - Porto Alegre, December 1997) pp. 16-30 illus. In Portuguese.

Four genuine counterstamps and seven counterfeit ones are illustrated.

(Alain Costilhes)

527 SIETZ, FRITZ GEORG. Die russischen Nachprägungen des niederländischen Golddukaten im 19. Jahrhundert. *NNb* 47 (1998) pp. 325-31 illus.

528 SILVEGREN, ULLA W. Ett litet mynt från Verona [A small coin from Verona]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 92-97 illus. In Swedish with English summary.

The author publishes a penny struck in Verona 1154-1259 found in Åhus, Scania, Sweden.
(Jens Christian Moesgaard)

529 SIMENSEN, CHRISTIAN J. Le roi Hakon V Magnusson et le financement de la construction de la forteresse d'Akerhus à Oslo. *RN* 1997 (pp. 211-21 illus.

Norwegian monetary history and the financial situation of the king are related to subsidies of Philip the Fair in 1295 (6000 marks). The costs of construction is the subject of a detailed evaluation.
(Marc Bompaire)

530 SMARANDA, AURICA and MIRCEA MANOLE. *Catalog Numismatic. Moneda metalică în România, 1867-1994. Metal Coin in Romania.* Bucharest 1995. 186 pp. illus. In Romanian and English.

This is a comprehensive catalogue of all Romanian coins struck between 1867 and 1994.
(Constantin Preda)

531 SOMBART, STEPHAN. Une fabrication de deniers parisis à Laon en 1457. *BSFN* 53 no. 6 (1998) pp. 150-51 illus.

This piece, known from one definite example and 2 unsure ones presented as ecus, bears a small cross and not an initial wreath like the ecus of Laon.
(Marc Bompaire)

532 SOMBART, STEPHAN. Nouvelles précisions sur les liards de Henri IV. *BSFN* 52 no. 9 (1997) pp. 199-200 illus.

Two coins of 1594 are discussed.
(Marc Bompaire)

533 SPAZIER, INES. Das Dorf Kausche—800 Jahre Geschichte werden lebendig. *Ausgrabungen im Niederlausitzer Braunkohlenrevier 1997* (Pritzen, Brandenburgisches Landesmuseum für Vor und Frühgeschichte Potsdam, Referat Braunkohle) pp. 81-86 illus.

Excavations found a hoard of 33 small change coins buried after 1622.
(Peter Ilisch)

534 SPRENGER, BERND. 50 Jahre Deutsche Mark. *NNb* 47 (1998) pp. 277-71.

535 SPRENGER, BERND. Zur Kaufkraft des Talers. *NNb* 47 (1998) pp. 181-83 illus.

536 STANCU, PARASCHIVA. Coin discoveries at Piuș Petrii during the archaeological excavation from 1993-1994. *CercetNum* 7 (1996) pp. 169-72 illus. English summary.

Thirty-six coins were discovered in this medieval fortress. The coins (Ottoman, Hungarian, Polish and Valachian) were all struck between 1421 and 1587.

(Constantin Preda)

537 STANCU, PARASCHIVA. The Hoard of Arsura, Vaslui County. Contribution to the study of the monetary currency in Moldavia in the 15th-16th centuries. *CercetNum* 7 (1996) pp. 173-90. English summary.

A hoard of 641 medieval coins from Hungary, Poland, Russia, the Ottoman Empire, German states and Austria was discovered in 1935 in the village of Arsura, Vaslui county. All of the coins are silver issues from the 15th and 16th centuries.

(Constantin Preda)

538 STIRBU, CONSTANTA and ANA MARIA VELTER. Some Remarks concerning the Circulation of Friesachers in Transylvania during the 13th Century. *CercetNum* 7 (1996) pp. 141-48. In Romanian with English summary.

The authors present 100 coins from the collection of the Bucharest National Museum of History which belong to a hoard discovered in 1968 at Sălăcea, Bihor county (Transylvania). This hoard contained 800 Friesachers. The penetration and circulation of these coins in Transylvania during the 13th century can be explained by commercial relations and salt exploitation.

(Constantin Preda)

539 STOICA, ONORIU. Un tezaur monetar feudal descoperit la Fântânești (jud. Vâlcea) [A medieval coin hoard discovered at Fântânești (Vâlcea county)]. *Oltenia* 3rd ser. 1 (1997) pp. 99-101.

The author publishes 15 coins (6 and 15 kreutzer) belonging to the hoard discovered in 1970 at Borzești, Fântânești, Vâlcea county; the hoard initially contained 25-28 coins. The coins were struck in Hungary, Tirol, Silesia, Olomouc and Würtemberg between 1670 and 1696. The author believes the hoard was buried as a result of the Austro-Turkish war of 1736-39.

(Gh. Poenaru Bordea)

540 STUMPF, GERD. Der Münzschatz von Dürrenmungenau, Stadt Abenberg. *Schatz- und Verwahrfunde im Abenberger Land. Zeugnisse der Vor- und Frühgeschichte. Vom Abenberger Land 3* (Abenberg 1995) pp. 64-69 illus.

A hoard of 14 types of Nuremberg pfennigs from ca. 1190-1210 is surveyed.

(Peter Ilisch)

541 STUMPO, ENRICO. La circolazione monetaria sulla piazza di Livorno: le monete toscane e quelle forestiere, il corso dei cambi. S. Balbi di Caro, ed., *Merci e monete a Livorno in età granducale* (Milan, Silvana Editoriale 1997) pp. 138-46.

The author describes Tuscan coinage between the 16th and 18th centuries based on coin circulation evidence in the city of Livorno. Particular attention is paid to the commercial function of coinage with regard to exchanges with merchants of the Levant. Finally, the activity of the mint of Florence between 1618 and 1708 is reviewed.

(Andrea Carignani)

542 STUMPO, ENRICO. Appendice I. S. Balbi di Caro, ed., *Merci e monete a Livorno in età granducale* (Milan, Silvana Editoriale 1997) pp. 261-65 illus.

With the aid of extensive graphics, the author reconstructs the development of gold and silver issues and their relationship to each other in the mint of Florence between 1619 and 1709.

(Andrea Carignani)

543 SUNDQUIST, TORBJÖRN. Några kommentarer kring ett brev från Elias Brenner till Otto Sperling 1705 [Some Comments regarding a Letter from Elias Brenner to Otto Sperling 1705]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 98-101 illus. In Swedish with English summary.

A letter on Viking age coins, among them a Sven Forkbeard penny struck ca. 995, is published.

(Jens Christian Moesgaard)

544 TALVIO, TUUKKA. Naginsjtjina 1895: ett fynd med danska mynt från Ingermanland [Danish coins from the Naginshchina hoard]. Jens Christian Moesgaard and Preben Nielsen, eds., *Ord med mening. Festskrift til Jørgen Steen Jensen 1. november 1998* (Taastrup, Nordisk Numismatisk Union 1998) pp. 102-5 illus.

In 1913, the Stockholm dealer T. G. Appelgren auctioned a parcel of 458 Anglo-Saxon, Irish and Scandinavian coins. A comparison between the sale catalogue and

the publications of the 1895 Naginshchina hoard shows that the coins must have come from this Russian (Ingrian) hoard. It can further be shown that many of the coins were bought by the Danish collector L. E. Bruun. The latest Anglo-Saxon and German coins in the find date from the mid-1040s, but there were also Danish coin types which have been attributed to Sven Estridsen (1047-76), who is believed to have started issuing coins a few years before becoming king. (Author)

545 TALVIO, TUUKKA. Suunnitelma suomalaisesta kuparirahasta 1810-11 [The plans concerning minting of copper coins in Finland in 1810-11]. *Numismaattinen Aikakauslehti* No. 3 (1998) pp. 64-65.

At the time when Finland was conquered by Russia, inflation had caused Russian metallic currency to disappear from circulation. In this situation plans were made to use local copper from the Orijärvi mine for minting copper coins of Russian type. The plans were not realized, but in the 1860s this copper was used for striking some of Finland's first coins. (Author)

546 TAMEANKO, MARVIN. The Architectural Deniers of Charlemagne, AD 771-814. *The Anvil* 8 no. 3 (1998) pp. 37-39, 41-43, 46, 49-51.

Architectural types were reintroduced by Charlemagne after a hiatus of about 400 years. His coinage is usually divided into four classes and they are described in this article. Class 4 coins, featuring two architectural designs, were struck from 812-814 at about 10 mints. The "temple style" can be compared to Roman temple designs on coins and are tetrastyle with a cross between the two pairs of columns and a cross on the peak of the roof. The second type is called the "city gate type" minted at Lugdunum but the author points out the resemblance of the design to the "Altar of Lugdunum" on a coin of Augustus (*RIC* Augustus, 230). Similar coins were struck by Charlemagne's successors up to the end of the 10th century. (Robert I. Gait)

547 THYS, M. La trouvaille de Ham (Somme, France). *Bulletin de l'Institut archéologique liégeois*, 107 (1995) pp. 301-23.

548 TRAVAINI, LUCIA. Le provenienze delle monete di Bergamo nella collezione di Vittorio Emanuele III di Savoia. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 53-60.

549 TRIGUEIROS, ANTONIO MIGUEL. Dos 1000 Reis de 1911 ao Euro de 2002. Breve História Monetária do Escudo Republicano [From the 1000 Reis of 1911 to the Euro of 2002. Short Monetary History of the Republican Escudo]. *Moeda* 23 no. 1 (January/ March 1998) pp. 30-33. In Portuguese.

The Portuguese republican unit of currency, the escudo, was created in 1911 to replace the 1000 reis. The first escudo coin was minted in 1914 and since then six

different types have been issued, the last one in 1997. In a second part of his article, the author describes the logistics involved in the substitution of the whole currency of the country to introduce the Euro. (Alain Costilhes)

550 ULONSKA, HANS-JÜRGEN. Der Erfurter Purimtaler von 1632. *NNb* 47 (1998) pp.137-39 illus.

The historical background of the striking of Talers commemorating the death of the Swedish king Gustav Adolph in Erfurt and elsewhere is surveyed. (Peter Ilisch)

551 VAN LAERE, RAF. Muntvondst in een Maaslands offerblok uit de 16de eeuw. *Revue belge d'archéologie et d'histoire de l'art* 66 (1997) pp. 201-8.

The author describes 14 coins of the 16th century (mainly of the bishopric of Liège/Belgium) found in a wooden almsbox. (Johan van Heesch)

552 VECA, ALBERTO. Sull'iconografia della monetazione federiciana per Bergamo. *Corpus Nummorum Bergonensium* II, *BollNum*, Monografia 5.1.1 (Rome, Istituto Poligrafico e Zecca dello Stato 1996) pp. 27-52 illus.

Through typological study of the issues of Bergamo in the name of Federico II, the author comments on the contemporaneous and in some ways contradictory presence on these coins of the imperial portrait, a symbol of strong central power, and the view of the city of Bergamo, expressing its own identity and autonomy.

(Andrea Carignani)

553 VELLEV, JENS. Hjelm og de fredløses falskmøntnerværksted [Hjelm and the outlawed counterfeiters' workshop]. *NNUM* 6 (1998) pp. 86-94 illus. In Danish.

This is a general introduction to the counterfeiting of Danish coins by the outlawed nobles accused of regicide, that took place on the Island of Hjelm off the coast of Jutland around 1300. The hitherto unpublished report of the visit on the island in 1897 by the coin collector L. Chr Petersen is printed in extenso.

(Jens Christian Moesgaard)

554 VELTER, ANA MARIA. Considerații de ordin economic și politic privind începuturile pătrunderii monedelor vest-europene în Transilvania [Economic and political remarks on the beginning of the currency of western European coins in Transylvania]. *CercetNum* 7 (1996) pp. 137-40. English summary.

Cons of the Frankish Empire, plus German, French, Italian and Friesach deniers entered Transylvania between the 9th and 13th centuries. This process of coin circulation is linked to commercial exchange, salt exports and German colonization.

(Constantin Preda)

555 VELTER, ANA MARIA. Die Kupferstück von Bela III-Kriegsprägung oder ein Ausrichtungsversuch auf byzantinisches Währungssystem? *CercetNum* 7 (1996) pp. 129-36.

The author discusses two bronze issues of the Hungarian King Bela III that exhibit clear Byzantine elements and Oriental influences. This issue is the result of Bela's reform, caused by historical circumstances. This type was struck for the market and not for army payment.

(Constantin Preda)

556 VERBIST, L. Robespierre en de 5 décimes van 1793. *JEGMP* (1995-1996) pp. 83-88.

557 VILLORESI, RENATO. *Monete toscane di zecche minori*. Florence, Museo Nazionale del Bergello 1997. 66 pp. illus.

The author examines a selection of significant issues of Tuscan mints, including Arezzo, Lucca, Montalcino, Pisa, Siena and Volterra.

(Andrea Carignani)

558 WEILLER, RAYMOND. La monnaie de Liège dans la circulation monétaire au Luxembourg. *Bulletin de l'Institut archéologique liégeois* 107 (1995) pp. 231-42.

559 WEILLER, RAYMOND. Die Münzen von Trier I,1—Nachtrag. *Trierer Zeitschrift für Geschichte und Kunst des Trierer Landes und seiner Nachbargebiete* (Rheinisches Landesmuseum Trier) 60 (1997) pp. 303-20 illus.

The author lists the literature about the early Trier coinage which has appeared since 1988 and publishes additions (Merovingian - 13th century) to his previous corpus.

(Peter Ilisch)

560 WIECHMANN, RALF. Vom "Ringbrecher" zur Münzwirtschaft. *Archäologie in Deutschland* (Theiss-Verlag, Stuttgart) 1998 no. 3 pp. 12-16 illus.

561 YAÑEZ SANCHEZ, A. and A. AGUD GORMAZ. Obolos inéditos de Alfonso X. *GacNum* 129 (1998) pp. 25-28.

For additional references to the numismatics of Western and Central Europe,

see the following abstracts:

General, nos. 28, 35, 36, 42, 61

Roman, no. 188

Near and Middle East, no. 328.

EASTERN EUROPE AND THE BALKANS

562 ELSEN, JEAN. La grande-principauté de Rjazan (fin 14e-début 16e siècle). *JEListeFPL* 169 (1995) pp. 6-20.

563 ELSEN, J. La grivna d'argent de Novgorod, unité de valeur, moyen de paiement et étalon pondéral. *JEListeFPL* 170 (1995) pp. 3-14.

564 LOVRENOVIĆ, DUBRAVKO. Bosansko srednjovjekovlje u svjetlu kristijanizacije vladarske ideologije [Medieval Bosnian history in the light of the Christianization of the ruling ideology]. *Bosnia franciscana* 5, 8 (1997) pp. 156-93 illus. English summary.

The author examines the position of the Bosnian ruler in medieval Bosnian society and posits four stages in its evolution: (1) before A.D. 1250—a "Christocentric Kingdom" along western lines; (2) from 1300-77—stronger Byzantine influence mediated through the independent Bosnian Church; (3) from the coronation of Tvrtko I Kotromanić until 1459—a synthesis of Byzantine and Western ideas, and (4) 1459-61—the brief final victory of Western ideas before the Turkish conquest. The stages are extensively illustrated by changing religious symbolism on medieval Bosnian coins and seals.
(Charles B. Smith, Jr.)

565 MARIĆ, IVAN. Hrvatski novčarski zavod [The Croatian Monetary Institute]. *Numizmatičke vijesti* 51 (1998) pp. 192-96. English summary.

The institute is responsible for production of coins and paper currency and securities. Its director here lists coin issues, with particular note to those produced with the cooperation of foreign mints (Stuttgart, Austrian mint, Royal Mint, and Hungarian mint).
(Charles B. Smith, Jr.)

566 NICULITA, ANA. Tezaurul de monede de la Mărculești [The coin hoard from Mărculești]. *ArhMoldovei* 18 (1995) pp. 303-9 illus. English summary.

A hoard containing medieval coins from the end of the 15th century to the beginning of the 17th was discovered in 1986 in the village of Mărculești (Florești county, republic of Moldavia). It contained 2467 silver coins including issues from

the Crown (38), Swidnica (1), Elbing (1), Gdansk (3), Riga (8), Lithuania (2359), Hungary (58) and Aachen (1).
(Constantin Preda)

567 *Numismatic Coins and Banknotes Issued by the Croatian National Bank*. Zagreb, Croatian National Bank 1998. 56 pp. illus. ISBN 953-97373-1-1.

This is a color catalogue of coin and banknote sets for sale. It includes circulation coins and banknotes, and commemoratives in base metal, silver and gold.

(Charles B. Smith, Jr.)

568 PAP, FRANCISC. Tezaurul monetar de la Huedin și unele probleme ale emisiunilor rákócziene [The hoard of Huedin and some problems of the issues of Rakóczi]. *SCN* 11 (1995, publ. 1997) pp. 211-18 illus. French summary.

From this hoard, discovered in 1984, the author publishes 398 bronze coins of Francisc Rákóczi II struck between 1704 and 1706 at Kremnica, Košice, Baia Mare and Mukačevo.

(Gh. Poenaru Bordea)

569 RADULESCU, VENERA. Tezaurul de monede medievale descoperit la Gelu, jud. Timiș (sec. XV-XVI) [The medieval hoard found at Gelu, Timiș county]. *CercetNum* 7 (1996) pp. 191-97 illus. English summary.

A hoard of 500 silver coins and jewels was found in 1965 in the territory of Gelu village, Timiș county. The coins are issues from Poland, Prussia, Transylvania, Danzig, Swidnicza, Hungary and Bohemia struck between 1479 and 1597.

(Constantin Preda)

570 STANGA, ION. The monetary circulation at "Cetatea Severinului" during the 13th-16th centuries. *CercetNum* 7 (1996) pp. 149-54. English summary.

Archaeological investigation at Severin fortress from 1965-69 and in 1988 revealed 241 medieval coins from the 13th-16th centuries. These include issues from Valachia, Bulgaria, Serbia, Bohemia, the Ottoman Empire and Hungary. The oldest coin, from the middle of the 13th century, is important for the beginning of the fortress.

(Constantin Preda)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

Near and Middle East, no. 328

Western and Central Europe, nos. 372, 527, 536, 537.

THE AMERICAS

UNITED STATES

571 BORCKARDT, MARK R. and WILLIAM METROPOLIS. *Restriking the Issues: The Large Cent Restrikes of 1804, 1810 and 1823*. John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings* 12 (New York, The American Numismatic Society 1998) pp. 161-90 illus. ISBN 0-89722-271-7.

The so-called restrikes of cents of 1804, 1810 and 1823 have been discussed in the large cent literature for more than a century. The 1804 restrikes exist in copper and tin; the 1810 restrikes are known only in tin; the 1823 restrikes exist in copper, tin and silver. The authors show that many assumptions held hitherto, such as that all the restrikes were made by the same person, or were made by Joseph Mickley, are untrue or unproven. The article includes photographs of the various restrike combinations and a condition census; William Metropolis supplied data on chemical composition.
(John M. Kleeberg)

572 BOWERS, Q. DAVID. *American Numismatics Before the Civil War, 1760-1860; emphasizing the story of Augustus B. Sage*. Wolfeboro, New Hampshire, Bowers & Merena Galleries 1998. 429 pp. illus.

The author discusses the beginnings of coin collecting, detailing its development and those who were instrumental in its furtherance. The history of American numismatics is covered and brought to a culmination in discussing Sage and his contributions.
(Thomas Serfass)

573 COLEMAN, RICK. 1831 First Restrike Half Cent. *PW* 32 no. 4 (July 15, 1998) pp. 261-64.

The author's study of this proof issue is presented by die states with auction appearance information and rarity ratings. Exact date of strike was not examined in the present study.
(Thomas Serfass)

574 DOTI, LYNNE PIERSON and LARRY SCHWEIKART. *Banking in the American West*. Norman, Oklahoma, University of Oklahoma Press 1991. 357 pp. illus. ISBN 0-8061-2373-7.

The western banks are contrasted with their eastern and southern brethren, and the reasons for the distinctions explored. The interactions of historical and economic events of the last 150 years with the development of western banks are covered in

detail, with emphasis on the effects of government regulation. There is much "local color" of interest to persons researching individual banks. (Joseph E. Boling)

575 DOTY, RICHARD. *America's Money, America's Story: A Comprehensive Chronicle of American Numismatic History*. Iola, Wisconsin, Krause Publications 1998. 24 pp illus.

This work presents an overview of American numismatic history. Suggested readings are also provided. (Thomas Serfass)

576 ELLSWORTH, STEVEN K. and CHRISTOPHER B. SCHWERDT. *The Butternut Large Cent Hoard: A Statistical Study..* John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings 12* (New York, The American Numismatic Society 1998) pp. 103-60 illus. ISBN 0-89722-271-7.

In April 1996, Colonel Steven Ellsworth bought a hoard of 4,700 large cents; the hoard is thought to have originated with a family in eastern Pennsylvania. The authors publish graphs and statistical analyses of the coins by date and variety within the year, and test how the Butternut hoard corresponds to standard rarity classifications. (John M. Kleeberg)

577 JULIAN, ROBERT W. Aspects of the copper coinage, 1793-1796. John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings 12* (New York, The American Numismatic Society 1998) pp. 19-34 illus. ISBN 0-89722-271-7.

The author studies, in particular, two aspects of the early copper coinage. The first concerns the engravers of 1793. It is the author's contention, based on available records and style, that Chief Coiner Henry Voight was responsible for the Chain and Wreath cent dies while Joseph Wright prepared those for the half cent and Liberty Cap cent. It is further contended that Adam Eckfeldt played a minimal role.

The second aspect concerns the coinage presses existing according to available records in comparison with the February 1795 Congressional report on the Mint. It is shown that there is too much confusion to determine just which press was obtained, or was in use, at a given point in time between 1792 and early 1795. (Author)

578 KLEEBERG, JOHN M. *The Strawberry Leaf Cent: A Reappraisal*. John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings 12* (New York, The American Numismatic Society 1998) pp. 35-78 illus. ISBN 0-89722-271-7.

One of the most mysterious varieties of 1793 is the strawberry leaf cent, which has a sprig on the obverse which appears to be strawberry leaves. The punches are hand-cut. It does not match any products of the U.S. Mint of the period. The author

argues that it is a contemporary counterfeit of the 1793-95 period. It is not a fake later made for collectors, because provenance rules this out: the four specimens were found in 1845, 1879 (2), and 1933. Forgeries, by contrast, come on the market at around the same time. In addition to photographs of the three accessible pieces, the article includes pedigrees of the four known examples, based largely on the work of Del Bland. (Author)

579 LORING, DENIS W. An Overview of Proof Large Cents. John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings* 12 (New York, The American Numismatic Society 1998) pp. 93-102 illus. ISBN 0-89722-271-7.

This article examines various historical characterizations of proof large cents and proposes a set of criteria for determining whether a large cent is in fact a proof. It then surveys the proof population of each year of large cents, 1816-57. (Author)

580 MANLEY, RON. 1856 Copper-Nickel Half Cents. *PW* 32 no. 4 (July 15, 1998) pp. 265-66.

The author evaluates recent references on how to classify these coins and then presents his conclusion that they be called trial pieces and have a separate listing from the regular copper issues. (Thomas Serfass)

581 MCCLOSKEY, JOHN. An 1843 Proof Half Dime with Triple Date. *GobrechtJ* 24 no. 72 (July 1998) pp. 14-15 illus.

The author distinguishes between this rare triple date coin (from the Pittman collection) and the Valentine variety V-6 which is only doubled on the 18. The triple date coin is not listed in Valentine. (Thomas Serfass)

582 MCCLOSKEY, JOHN. An 1842 Half Dollar with a Small Letters Reverse Discovered. *GobrechtJ* 24 no. 72 (July 1998) pp. 29-31 illus.

Brian Greer discovered this reverse which is a new discovery in the half-dollar series. A new reverse die with noticeably larger letters was introduced in 1842 and this variety was unknown. (Thomas Serfass)

583 MCCLOSKEY, JOHN. Appreciation of Liberty Seated Half Dimes and Dimes from the Pittman Collection. *GobrechtJ* 24 no. 72 (July 1998) pp. 16-21.

John J. Pittman was famous for his extraordinary collection acquired with uncommon frugality and the sale prices bear out his exceptional decision making and numismatic expertise. The table provides a wealth of information on these coins (prices realized with lot numbers), year acquired, purchase price and sale price.

Depreciation and relative purchasing power information provide context (and amazement in some cases).
(*Thomas Serfass*)

584 MOSSMAN, PHILIP L. The Stepney Hoard: Fact or Fantasy. *CNL* 38 no. 2 (August 1998) pp. 1809-51 illus.

The controversial Stepney hoard is examined in great detail, including facts and assertions concerning its discovery, inventory by Breen and disposition by Stack's, the composition of the hoard and its state of preservation. Mossman concludes the hoard is likely to be genuine, although he acknowledges there are many areas of uncertainty remaining concerning the hoard. An appendix by Robert Martin presents re-weights of some Stepney coins. Michael Hodder and Jeff Rock present alternative points of view.
(*Thomas Serfass*)

585 NEISWINTER, JAMES. Joseph N.T. Levick. John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings* 12 (New York, The American Numismatic Society 1998) pp. 1-18 illus. ISBN 0-89722-271-7.

One of the first researchers of large cents was Joseph N.T. Levick. In 1868-69 he compiled a table of 1793 large cents, and assembled and photographed 1793 cents for Crosby's article. Neiswinter shows that Levick was a sophisticated and advanced researcher; he knew that Crosby 3-B was an alteration, and informed Crosby of the fact, but Crosby ignored this.
(*John M. Kleeberg*)

586 PRICE, ED and JULES REIVER. 1801 Half Dimes Revisited. *JRJ* 11 issue 3 (July 1998) pp. 28-32 illus.

The authors have concluded after studying 30 coins that the V1 and V2 variety of 1801 dimes are really two different die states of the same die. They present extensive rationale along with a complete description of eight die states. Also provided is the current view as to why V1 and V2 were considered different varieties.

(*Thomas Serfass*)

587 SHERRILL, MIKE. New Emission Sequence for the TED Successively Higher Reverse Dimes. *JRJ* 11 issue 3 (July 1998) pp. 20-24 illus.

The unnoticed progression of a die crack on the reverse dies shifts the emission sequence somewhat.
(*Thomas Serfass*)

588 SHOLLEY, CRAIG. Early US Coining Dies in the ANS Collection. John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings* 12 (New York, The American Numismatic Society 1998) pp. 85-92 illus. ISBN 0-89722-271-7.

The ANS has five early U.S. Mint dies in its collection, all obverses: an eagle of 1803 (no corresponding coins known), a half dollar of 1805 (Overton 102), a quarter of 1805 (Browning 2), a half dollar of 1806 (Overton 123-124) and a cent of 1818 (Newcomb 9). A study of the dies shows how the technology progressed from the crudely forged early cylinder on octagonal prism to a sophisticated cylinder on cylinder and an even more sophisticated frustrum on cylinder design.

(John M. Kleeberg)

589 SHOLLEY, CRAIG. Examining the Mintage Estimates: 1795-6-7. *PW* 32 no. 4 (July 15, 1998) pp. 252-58.

This is an analysis and effective critique of Breen's estimates. (Thomas Serfass)

590 TARASZKA, ANTHONY J. 1803-1804 Dated Eagles: A Revised Die Emission Sequence. *JRJ* 11 issue 3 (July 1998) pp. 16-19 illus.

This article updates Breen's "revised" emission sequence. The author has determined through study of die breaks and clash marks that a substantial revision to the emission sequence is in order. Only the last two coins in the sequence remain in their former positions.

(Thomas Serfass)

591 VAN DAELE, MARC. Coopération institutionnelle et monétaire dans les Caraïbes Orientales. *Vie num* 47 (1997) pp. 222-26.

592 WEEKS, EDWARD and BOB VAIL. Subsequent Pedigrees of the Hays & Phelps 1794 Large Cents, Part 2. *PW* 32 no. 4 (July 1998) pp. 267-78 illus.

593 WHITE, WEIMAR W. Determining the Value of Liberty Seated Coinage in Constant Dollars. *GobrechtJ* 24 no. 72 (July 1998) pp. 9-11.

The author presents analysis and a table from the Bureau of Economic Research which "deflates" prices so that "real" prices can be compared.

(Thomas Serfass)

594 WILLIAMS, RAY. New Jersey Coppers, Part 38: Maris 11.5 G. *PW* 32 no. 4 (July 15, 1998) p. 280 illus.

This rare New Jersey coulterless variety is described and the top coins are listed in Condition Census form.

(Thomas Serfass)

595 WRIGHT, JOHN D. The Hiatus. John M. Kleeberg, ed., *America's Large Cent. Coinage of the Americas Conference, Proceedings* 12 (New York, The American Numismatic Society 1998) pp. 79-84 illus. ISBN 0-89722-271-7.

No large cents were minted bearing the date 1815; some cents were minted toward the end of the year, but they bore the date 1816. Although 1815 is a year unrepresented by cents, it was one of the most historically significant dates, partly because of the battle of Waterloo.
(John M. Kleeberg)

MEXICO, CENTRAL AND SOUTH AMERICA

596 DUNIGAN, MIKE and J.B. PARKER. *Resplandores: Cap and Rays 8 Reales of the Republic of Mexico 1823-1897*. Beverly Hills, Superior Stamp and Coin 1997. xxiv+437 pp. illus.

Over 750 date-mint-assayer varieties of cap and rays 8 reales coins are catalogued, from fourteen mints, and including many major and minor die varieties, with comments on rarity, usually-found condition and other information on most varieties. Excellent photographs illustrate many of the die varieties.

(Joseph E. Boling)

597 *Exposición. Billetes y Monedas de la Colección del Banco Central de Chile. 70º Aniversario 1925-1995*. With a preface by Carlos Pereira Alborno. Santiago, Chile 1995. 30 pp. illus.

This is an illustrated exhibition catalogue listing Chilean coins as well as banknotes issued by private Chilean banks and by the Banco Central de Chile.

(Wolfgang Bertsch)

598 FAJARDO, MIGUEL A. *Breve Reseña de la Moneda Chilena. Epoca Colonial*. Santiago, Chile, no date (1997 or 1998). 1 p. illus.

This brief brochure presents an introduction to Chile's colonial coinage from 1749 to 1817, with illustrations of eight coins.

(Wolfgang Bertsch)

599 GUZMÁN SCHIAPACASSE, FERNANDO and JUAN MANUEL MARTINEZ SILVA. *Catálogo de Monedas Chilenas*. Santiago, Chile, Banco Central de Chile y Museo Histórico Nacional 1991. 65 pp. illus.

This work catalogues and partially illustrates the collection of Chilean coins of the Banco Central de Chile which were loaned to the Museo Histórico Nacional de Chile. Several chapters on the historical background of these coins are included with a list of the joint collection of both institutions.

(Wolfgang Bertsch)

600 JARA, CARLOS. El Resello de Medio Real 1894 sobre 8 Reales y Pesos de Chile (Monedas de Necesidad de Guatemala). *La Gaceta Numismática* 3 (Santiago, Chile, December 1996/January 1997) p. 2 illus.

The author reports that from September 15, 1894 a total of 3,248,621 crown-size coins, mainly Chilean pesos and Peruvian soles, were counterstamped in Guatemala using a Guatemalan 1/2 real die. A survey of the major auction sales which included examples of Chilean pesos counterstamped in Guatemala is included.

(Wolfgang Bertsch)

601 MÉNDEZ ORTIZ, WALDO. El Ensayo de Metal en la Real Casa de Moneda de Santiago de Chile. *Medallas* 1 (November 1994) pp. 12-13.

The subject of this article is the analysis and purification of gold in the Santiago mint based on 18th-century documents.

(Wolfgang Bertsch)

602 Las Monedas del Rey de la Araucania. *La Gaceta Numismática* 3 (Santiago, Chile, December 1996/January 1997) p. 2 illus.

This is a brief description, with illustrations, of the major unofficial issues of the French adventurer Orelie Antoine de Tounens who declared himself "King of Araucania" in the second half of the 19th century.

(Wolfgang Bertsch)

603 MOENS, JAN. De invloed van het systeem van "germinal" in Latijns-Amerika [The influence of the so called "germinal" monetary system on the coinages of Latin-America]. *JEGMP* (1995-1996) pp. 29-48.

604 El Peso de Coquimbo. 170 años de misterio. *La Gaceta Numismática* 3 (Santiago, Chile, December 1996/January 1997) pp. 3-4 illus.

The article discusses and illustrates two types of the rare Chilean peso, struck in La Serena (Coquimbo) in 1828.

(Wolfgang Bertsch)

605 Las primeras monedas en América. *La Gaceta Numismática* 3 (Santiago, Chile, December 1996/January 1997) p. 1 illus.

This is a brief survey of the first colonial issues of the major mints operating in Latin America.

(Wolfgang Bertsch)

606 VERDUGO SITGES, J. Notas sobre la contramarca cubana llamada de la "Rejilla." *GacNum* 129 (1998) pp. 63-68.

For additional references to the numismatics of Mexico, Central and South America, see the following abstract:
Medals, no. 647.

MEDALS AND DECORATIONS

607 ARNOLD, PAUL. Der Königlich Sächsische Hausorden der Rautenkrone. *Dresdner Kunstbl* 42 no. 2 (1998) pp. 63-66.

The discussion covers the time period from 1807 to 1918. (Author)

608 ARNOLD, PAUL. Der Kgl. Sächsische Militär-St. Heinrichs-Orden. *Dresdner Kunstbl* 42 no. 3 (1998) pp. 100-8.

The author discusses this military order from 1738-1918. (Author)

609 ARNOLD, PAUL. Der Königlich Sächsische Verdienstorden. *Dresdner Kunstbl* 42 no. 4 (1998) pp. 133-39.

This decoration is discussed for the period from 1815 to 1918. (Author)

610 ARNOLD, PAUL. Der Königlich Sächsische Albrechtsorden. *Dresdner Kunstbl* 42 no. 5 (1998) pp. 160-66.

611 ARNOLD, PAUL. Die Orden und Verdienstmedaillen der sächsischen Staaten. *Dresdner Kunstbl* 42 no. 1 (1998) pp. 21-25.

612 BALAGUER, A.M. La medallística montserratina dels segles XV, XVI, XVII. Catalogació i justificació cronològica. *Acta Num* 27 (1997) pp. 185-226.

613 BALDUS, HANS ROLAND. Manchmal haben auch Prägestempel in eigenes Schicksal. Zur Medaille 110 Jahre Bayerische Numismatische Gesellschaft von 1991. *JNG* 46 (1996) p. 179 ff.

The die for the jubilee medal, cut by E. Wankmüller, is dated to 1955. For the 1991 issue the artist has removed the old signature and replaced it with a new one.

(Gerd Stumpf)

614 BAUMGARTNER, HANS-ULRICH, JULIA TELEGDY-NEUDORFER and INGRID R. METZGER. *Zeugnisse der Geschichte Graubündens: Bündnismedaillen im Rätischen Museum*. Schriftenreihe des Rätischen Museums 40. Chur 1996. 120 pp. illus.

615 BERGROTH, TOM C. Frihetsmedaljerna och Frihetskorsket [The Finnish Medal and Cross of Liberty]. Jens Christian Moesgaard and Preben Nielsen, eds., *Ord med mening. Festskrift til Jørgen Steen Jensen 1. november 1998* (Taastrup, Nordisk Numismatisk Union 1998) pp. 14-15 illus.

A short presentation of the decorations instituted during Finland's War of Liberation in 1918 (cf. *NL* 140 no. 754) is provided. (T. Talvio)

616 BIERI, WERNER. Die Medaillen von Johann Melchior (1706–1761) und Johann Kaspar (1733–1803) Mörikofer. *SNR* 75 (1996) pp. 121–53 illus.

617 BÖRNER, LORE. *Die italienischen Medaillen der Renaissance und des Barock (1450-1750)*. Bestandskataloge des Münzkabinetts Berlin. Berliner Numismatische Forschungen N.F. 5. Berlin, Gebr. Mann Verlag 1997. 458 pp. illus.

618 BUCHET, ARSENE. Dolf Ledel. *Nouvelle biographie nationale* 4 (Brussel 1997) pp. 245-46.

619 BUCHET, ARSENE. Médaille frappée à l'occasion du 250e anniversaire de l'attribution du titre de baron à Guillaume-Gérard de Moffarts. *RBN* 143 (1997) pp. 165-67.

620 CALDAS SANTOS, GERALDO CONI. Medalhas de Anchieta [Medals of Anchieta]. *Boletim da Sociedade Numismática Brasileira* 42 (December 1997) pp. 6-13 illus. In Portuguese.

The author presents a description of three medals in memory of Father José de Anchieta (1534-97) minted in 1934, 1937 and 1981, with a brief biography. A 1,000 Reis of 1935 with his portrait as well as two postage stamps are also illustrated. (Alain Costilhes)

621 CASANUEVA PRÉNDEZ, JUAN MANUEL. Medalla de la Elección del Presidente Bulnes. *Medallas* 1 (November 1994) p. 9 illus.

The author describes and illustrates a gold medal struck in 1841 for General Manuel Bulnes, who was elected president of Chile in that year. (Wolfgang Bertsch)

622 CRINON, PIERRE and SYLVIE DE TURKHEIM-PEY. Les médailles et jetons célébrant la Paix de Vervins, 1598. *BSFN* 53 no. 6 (1998) pp. 164-73 illus.

The authors provide historical review and catalogue of seven medals and 4 jetons from 1598-1602. (Marc Bompaire)

623 DE WAELE, ERIC and VAN LAERE, RAF. Jodoigne/Dongelberg: un motif monétaire augustéen sur un plomb de marchandise du XVIIe-XVIIIe siècle. *Chronique de l'archéologie wallonne*, 4-5 (1996-1997) pp. 8.

A lead seal from Nîmes, found in Belgium, copies a Roman coin of Augustus struck in Nîmes (France). (Johan van Heesch)

624 DREESEN, H. Heraldische bespreking van de koningin Astrid herdenkingsmunt. *JEGMP* (1995-1996) pp. 23-27.

The author discusses the coats of arms on a Belgian commemorative coin of 250 BEF struck in 1995 in honor of the late Queen Astrid of Belgium. (Johan van Heesch)

625 DUPONT, M.-L. and TOUSSAINT, J. Médaille et art. *Bulletin de l'Institut archéologique liégeois*, 107 (1995) pp. 394-409.

626 EIMER, CHRISTOPHER. *The Pingo Family & Medal Making in 18th-Century Britain*. London, British Art Medal Trust 1998. 96 pp. illus.

627 FASSBINDER, S. Wallfahrten von Südwestdeutschland nach Böhmen im 17./18.Jh. *Archäologische Nachrichten aus Baden* (Förderkreis Archäologie in Baden e.V., Freiburg i.Br.) 58 (1998) pp. 45-51 illus.

Six Bohemian baroque pilgrimage medals found in archaeological contexts in southwest Germany are published. (Peter Ilisch)

628 FLENSBORG, PETER. Den kongelige Veterinær- og Landbohøjskole, et par medaljeforslag fra 1858 [Two Medal proposals from the Veterinary School and the Royal Veterinary and Agricultural School, Copenhagen, 1858]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 26-27 illus. In Danish with English summary.

629 FORSTER, G.H. Redescubrimiento de dos medallas peruanas inéditas. *GacNum* 129 (1998) pp. 69-70.

630 FRIEBE, HANS. Medaille 300 Jahre Rats- und Revierpulvermühle Freiberg. *Freiberger Münzblätter* 7 pp. 33-35.

631 GEBHARDT, KARL. Die Bayerische Numismatische Gesellschaft und ihre Medaillen 1881-1981. Nachträge und Ergänzungen 1996. *JNG* 46 (1996) p. 185 ff.

The author publishes medals on Georg Habich (1912), on the 75th anniversary of Bayerrische Numismatische Gesellschaft (1956) and of the badge for the IXth South German Numismatic Convention (1974), which was reused as a "Bene merenti" medal from 1976 to 1983.
(Gerd Stumpf)

632 GRUND, RAINER. Die Medaillen zum XII. Internationalen Numismatischen Kongreß in Berlin 1997. Zwei Neuerwerbungen des Münzkabinetts. *Dresdner Kunstbl* 42 no. 2 (1998) pp. 67-70.

633 GRUND, RAINER. "Ordnung und Chaos." Zu Neuerwerbungen des Münzkabinetts aus der Edition 1997 des Künstlerkreises der Medailleure München. *Dresdner Kunstbl* 42 no. 5 (1998) pp. 166-71.

634 GUZMÁN SCHIAPACASSE, FERNANDO. Historia de la Medalla Chilena. *Medallas* 1 (November 1994) pp. 16-17.

This is a survey of Chile's medal history and its most distinguished artists, Jean Bainville, René Thenot and Santiago Urzúa.
(Wolfgang Bertsch)

635 HEIDEMANN, MARTIN. *Medaillenkunst in Deutschland von 1895 bis 1914*. Berlin, Deutsche Gesellschaft für Medaillenkunst, Staatliche Museen zu Berlin, Münzkabinett 1998. 545 pp. illus.

636 JOUSSEMENT, JOCELYNE. Les médailles de l'université de Perpignan. *La Pallofe* 39 (November 1997) pp. 21-28.

The author describes and comments on seven medals in gold, silver and bronze struck between 1760 and 1780.
(Marc Bompaire)

637 LAGERQVIST, LARS O. Ett tiggartecken [A Beggars' Badge]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 62-65 illus. In Swedish with English summary.

The author presents a newly acquired specimen of the Badge of the Dutch revolt of 1566 in the collection of the Royal Coin Cabinet in Stockholm.

(Jens Christian Moesgaard)

638 LIRA GÓMEZ, RICARDO. Medallas conmemorativas de visitas pontificias y de monarcas a Chile. *Medallas* 2 (May 1996) pp. 21-23 illus.

The author describes and illustrates medals which were struck in Chile on the occasion of the visits to Chile of Baudouin I of Belgium in 1965, Elizabeth II of England in 1968, Pope John Paul II in 1987 and Juan Carlos II of Spain in 1990.

(Wolfgang Bertsch)

639 MARTINEZ BAEZA, SERGIO. Medallas, monedas y condecoraciones de Orelie Antoine I, Rey de la Araucania y Patagonia. *Medallas* 2 (May 1996) pp. 6-8 illus.

The author describes and illustrates an order in the name of Orelie Antoine I, fabricated by Lemaitre in Paris and given by the "King of Patagonia" to people who favored his ambitions. A brief discussion of the unofficial coinage of Orelie Antoine I is also included.

(Wolfgang Bertsch)

640 MÉDAILISTE (pseudonym). Nuestras Medallas Presidenciales. *Medallas* 2 (May 1996) p. 18 illus.

The author describes and illustrates two medals dedicated to the presidents Pedro Aguirre Cerda (1938-42) and Salvador Allende (1970-73). The author notes that the presidential periods given for these two Chilean presidents on the medals do not correspond to the actual historical periods.

(Wolfgang Bertsch)

641 La Medalla en Hispanoamérica. *La Gaceta Numismática* 4 (Santiago, Chile, April-June 1997) p. 2 illus.

642 METZGER, INGRID R. Eine prächtige Medaille mit der Allegorie des Rheins, ausgestellt im Rätischen Museum Chur (CH). *MR* 29 (1997) p. 18 illus.

643 MIRNIK, IVAN. Josip Radković, prilog životopisu [Josip Radković: a contribution to a biography]. *Numizmatičke vijesti* 51 (1998) pp. 83-88 illus. English summary.

The author provides biographic notes of the second prominent Zagreb medallist, active ca. 1888-1910, who was himself a student of the first, Franjo Kares.

(Charles B. Smith, Jr.)

644 MORALES MORALES, CARMEN. Monedas Conmemorativas Chilenas. *Medallas* 1 (November 1994) pp. 22-23.

The author lists Chilean commemorative coins issued between 1968 and 1993.

(Wolfgang Bertsch)

645 MUREȘAN, ANGELA. O Medalie portret, emisiune a principelui Gabriel Bethlen, aflată în colecția numismatică a Muzeului Național al Unirii

din Alba Iulia [A medallic portrait of prince Gabriel Bethlen in the numismatic collection of the National Museum of the Union of Alba Iulia]. *Apulum* 34 (1997) pp. 297-300 illus. French summary.

646 POPOFF, MICHEL. Un armorial de la Cour des monnoyes 1641-1787. *RN* 1997 pp. 291-332 illus.

The author presents the only manuscript for a book of heraldry known by la Cour, compiled by P.L. D'Estriché of La Barre after 1779, with bibliography on the individuals and an index of arms.
(*Marc Bompaire*)

647 SALINAS CONCHA, FRANCISCO. 250 Años de la Casa de Moneda de Chile. *Medallas* 1 (November 1994) pp. 5-7 illus.

The author provides a historical survey of the activities of the Santiago Mint where Chilean coins have been produced since 1749. The article includes illustrations of the obverse of an 8 escudo of Fernando VI, the obverse of a Coquimbo peso, a medal by Santiago Urzúa and two postage stamps
(*Wolfgang Bertsch*)

648 SALINAS CONCHA, FRANCISCO. Replicas Lalique. Como distinguirlas. *Medallas* 2 (May 1996) pp. 4-5 illus.

The author discusses replicas of plaques which were produced for Chile in 1910 by René Lalique of which some replicas were recently manufactured by Chile's Casa de la Moneda. The replicas are marked "REPLICA" in the lower left border of the obverse.
(*Wolfgang Bertsch*)

649 SANCHEZ BÖHMER, HERNAN. Medallas de la amistad Chileno-Brasileña. *Medallas* 2 (May 1996) pp. 11-15 illus.

Listed are 19 medals struck between 1889 and 1982 relating to the friendship between Chile and Brazil.
(*Wolfgang Bertsch*)

650 SCHÖRNER, JOACHIM. Conrad Heinrich Küchler—ein Hesse. *NNb* 47 (1998) p. 338 illus.

The author explains the German descent of the British die engraver Küchler.
(*Peter Ilisch*)

651 SEPÚLVEDA LATAPIAT, CÉSAR. Cain Maldito por el Eterno. Gran Premio de Roma 1878. *Medallas* 1 (November 1994) p. 8 illus.

The author discusses a tin medal by the French artist Louis-Alexandre Bottee.
(*Wolfgang Bertsch*)

- 652** SEPÚLVEDA LATAPIAT, CÉSAR. Tres Ciudades Santas. *Medallas* 2 (May 1996) pp. 27-30 illus.

The author describes and illustrates one medal for each of the holy cities of Jerusalem, Mecca and Benares. The medals are by the French artist Thérèse Dufresne and were produced by the Paris mint. (Wolfgang Bertsch)

- 653** SMOLDEREN, LUC. La parentèle de Rubens en médaille: Jean van Boeckel et Catherine de Moy. *Revue belge d'archéologie et d'histoire de l'art* 65 (1996) pp. 141-47 (with abstract in English).

- 654** SMOLDEREN, LUC. Trois médailles anversoises du XVI^e siècle: Hans van Bauhuysen (1557), Thomas Fourmennoys (1557), Hans Wynman (1560/1586) [Belgium]. *RBN* 143 (1997) pp. 137-46.

- 655** SOTO ALIAGA, JAIME. Nuestros escultores medallistas, ¿artistas o artesanos? *Medallas* 2 (May 1996) p. 11.

The article contains critical remarks on the conservative attitude of the Santiago mint regarding medal production; the art of the medalist has been revolutionized in other countries leading to amazing results. (Wolfgang Bertsch)

- 656** SOTO ALIAGA, JAIME. Puntos de vista: el maestro y su discípulo. René Thunot y Santiago Urzúa. *Medallas* 1 (November 1994) pp. 18-19 illus.

This is a brief account of the medal artist René Thenot and his disciple Santiago Urzúa, both of whom worked for the Santiago mint in the 20th century. The article includes the illustration of one medal by Urzúa. (Wolfgang Bertsch)

- 657** STEGUWEIT, WOLFGANG. *Das Münzkabinett der Königlichen Museen zu Berlin und die Förderung der Medaillenkunst: Künstlerbriefe von der Jahrhundertwende bis zum Ersten Weltkrieg*. Berlin, Staatliche Museen zu Berlin preußischer Kulturbesitz, Münzkabinett 1998. 112 pp. illus.

- 658** STEMPER, ANNELIESE. *Die Medaillen der Pfalzgrafen und Kurfürsten bei Rhein. Pfälzische Geschichte im Spiegel der Medaille. Vol. I: Die Kurlinien. Vol. II: Die Nebenlinien*. Worms, Wernersche Verlagsgesellschaft 1997. 967 pp. illus. ISBN 3-88462-133-5.

- 659** TALVIO, TUUKKA. Mitalitaiteemme ensimmäinen vuosisata [Medallic art in Finland from 1798 to 1897]. *Mitali-Medaljen* no. 1 (1998) pp. 23-27.

In 1798 the newly-founded Economic Society of Finland decided to issue a prize medal. This medal, which was struck in Stockholm in 1799, can be seen as the first Finnish medal. Another period in Finnish medallic art began in the late 19th century, when the medals were modelled by Finnish sculptors and struck in Helsinki. (*Author*)

660 TALVIO, TUUKKA. "Yksi joka pelasti meille kaiken." Aleksanteri I:n mitaleista ['One who saved us everything.' The medals issued in honor of Alexander I in Poland and Finland]. *Numismaattinen Aikakauslehti* 3 (1998) pp. 66-67 illus.

It is suggested that the medals issued in the 1810's to honor the Russian emperor in Poland and Finland reflect a well-designed imperialistic propaganda. (*Author*)

661 TEWES, LOTHAR. Die Preismedaillen des Königlichen Gewerbeinstituts in Berlin. *NNb* 47 (1998) pp. 363-65 illus.

The industrial academy of Berlin first distributed prize medals in 1824/5. They were struck with dies cut by Henri Francois Brandt and exist in two varieties.

(*Peter Ilisch*)

662 THIER, BERND. Ein Augsburger Schraubtaler mit Doppelporträt. Der Herzog und die Herzogin von Longueville. *NNb* 47 (1998) pp. 269-71.

A medal with the painted portrait of the French delegate to the peace congress in Münster in 1648 is published.

(*Peter Ilisch*)

663 THIER, BERND. Die Medaillen, Plaketten und Abzeichen zur 300-Jahrfeier des Westfälischen Friedens in Münster 1948. *NNb* 47 (1998) pp. 457-65 illus.

664 TRAUB GAINSBORG, NORBERTO. Coleccionismo de Ordenes, Condecoraciones y Medallas Militares. First Part. *Medallas* 1 (November 1994) pp. 20-21; Second Part. *Medallas* 2 (May 1996) pp. 16-17 illus.

This is a general introduction to orders, decorations and military medals, with descriptions and illustrations of mostly European examples.

(*Wolfgang Bertsch*)

665 TRIGUEIROS, ANTONIO MIGUEL and GUSTAV A. TAMMAN. *The Three Portuguese Military Orders of Knighthood—1789-1910*. Medal Notes 1. Philadelphia, The Orders and Medals Society of America 1997. 36 pp. illus.

This is a guide for collectors with the history and description of all insignia related to the orders of Christ, Avis and Sant'Iago, with prices in U.S. dollars.

(*Alain Costilhes*)

- 666** URZÚA LIZANA, PEDRO. Nuevas Medallas de la Casa de Moneda (1991-1993). *Medallas* 1 (November 1994) pp. 26-27 illus.

The author lists medals struck in the Santiago mint, with one illustration.

(Wolfgang Bertsch)

- 667** VANCRAENBROECK, MARC. Les conséquences numismatiques de l'interpellation parlementaire de Jules Bara le 22 novembre 1871 (Jules Bara et l'affaire Langrand-Dumonceau). *RBN* 143 (1997) pp. 147-54.

Several medals concerning the political activities of Jules Bara, a Belgian member of parliament ca. 1871, are published; their political context is explained.

(Johan van Heesch)

- 668** VANCRAENBROECK, MARC. Harry Elström et le corps de volontaires congolais. *Vie num* 47 (1997) pp. 22-25.

- 669** VAN DAELE, MARC. Notes sur les desordres monétaires russes au 19e siècle. *Vie num* 47 (1997) pp. 162-163.

- 670** VAN HOOFF, F. Hommage de l'empire russe à la nation belge. *Vie num* 47 (1997) pp. 157-59.

The author describes Russian medals concerning the Belgian allies during World War I.

(Johan van Heesch)

- 671** VOIONMAA TANNER, FLU. Reflexiones acerca del Arte de la Medalla. *Medallas* 1 (November 1994) pp. 10-11.

The author discusses the medal as a work of art and its limitations when compared to other works of art, particularly to sculpture.

(Wolfgang Bertsch)

- 672** WACKS, MEL. 99 and counting. *CW* 2005 (1998) p. 81 illus.

The author describes the creative process behind 11 portrait medals issued by the Magnes Museum's Jewish-American Hall of Fame between 1971 and 1994, created by Gerta Ries Wiener who celebrated her 100th birthday on December 9, 1998.

(Author)

- 673** WAERZEGGERS, RENE. Een onbekende penning van Kamerijk. *JEGMP* (1995-1996) pp. 89-92.

A description of an unknown token (struck in Bruges, Belgium) in the name of Jean de Monluc, governor of Cambrai (France) is given.

(Johan van Heesch)

674 WEBER, INGRID S. Reinhart Heinsdorff wird 75 Jahre. *GN* 33 (1998) pp. 271-78 illus.

675 WISEHN, IAN. Svenska medaljkonstnärer söker danska motiv [Swedish Medallists looking for Danish Motifs]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 107-11 illus. In Swedish with English summary.

676 YLINEN, ALLAN. Sveaborg-Suomenlinna [Medals connected with the fortress of Sveaborg-Suomenlinna]. *Mitali-Medaljen* no. 1 (1998) pp. 19-21.

677 ZACHER, DIETMAR. *Medaillen der Stadt Bad Langensalza. Part 1-2*. Bad Langensalza 1997. 71 pp. illus.

The author publishes medals from Bad Langensalza in Thuringia from 1699 to 1966. (Paul Arnold)

678 ZÄCH, BENEDIKT. Zwei Winterthurer Medailleure: Johann (1774-1851) und Friedrich Aberli (1800-1872). *SM* 46 (1996) no. 184, pp. 124-36 illus.

For additional references to Medals and Decorations, see the following abstracts:

General, nos. 28, 36

Western and Central Europe, no. 502.

PRIMITIVE MONEY

679 BALLARINI, ROBERTO. *Armi Bianche dell'Africa Nera: Black Africa's Traditional Arms*. Milan, Africa Curio s.a.s. 1992. 128 pp. illus. Bilingual in Italian and English.

Over 100 examples of edged weapons (the majority of the items presented), spears, shields, gongs, manillas, and related items are shown, with a 42-page historical introduction showing many similar pieces in vintage photographs of "natives." Many of these pieces are identified as currency items. (Joseph E. Boling)

680 KLACKENBERG, HENRIK. Pengar av sten [Money of Stone]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen*

Jensen 1. november 1998 (Copenhagen, Nordisk Numismatisk Union 1998) pp. 58-61 illus. In Swedish with English summary.

The author presents a short history of the Yap stones and illustrates the specimen of the Royal Coin Cabinet of Stockholm. *(Jens Christian Moesgaard)*

681 PRIMAS, MARGARITA and ERNST PERNICKA. *Der Depotfund von Oberwilflingen. Neue Ergebnisse zur Zirkulation von Metallbarren. Germania 76/1* (1998) pp. 25-65 illus.

The bronze-age deposit from Oberwilflingen (1932), currently in the Württembergisches Landesmuseum, Stuttgart, contained 4 fragments of cut ox-hide ingots, primarily known from Sardinia and the eastern Mediterranean. *(Hans R. Baldus)*

682 WEBER-BROSAMER, BERNHARD. *Sammlung Köhler-Osbahr Band II/2: Vormünzliche Zahlungsmittel und Außergewöhnliche Geldformen aus Südostasien, Afrika und anderen Teilen der Welt.* Duisburg, Kultur- und Stadthistorisches Museum Duisburg 1993. 150 pp. illus. ISBN 3-89279-995-4.

A 40-page introduction to primitive currencies is followed by a catalogue of 314 pieces (including a few replicas). Included are bracelets, bullet money, several kinds of southeast Asian ingots, opium weights, larins, beads, edged weapons, manillas, and various other items. Tables of illustrations of Siamese bullet money punches from LeMay and Guehler are included. See also Althoff for two other volumes in this series. *(Joseph E. Boling)*

PAPER MONEY

683 AUGUSTSSON, THOMAS. *The Bank Notes of the Republika Srpska (Bosnia and Herzegovina).* *IBNS 37* no. 2 (June 1998) pp. 38-39 illus.

Notes of 1992-93 are described, illustrated, and listed. Although divided into two formal series (there was a currency reform in 1993), the first series can be further divided into three groups when classified by issuer title and signature.

(Joseph E. Boling)

684 AUGUSTSSON, THOMAS. *The Story of Somalia 20 and 50 N.Shilin 1991.* *IBNS 37* no. 3 (September 1998) pp. 40-41 illus.

The author contends that the n.shilin (new shilling) notes currently catalogued as Pick R1 and R2 should be accorded regular issue status (as P-38 and P-39), inasmuch as they were apparently intended to replace the then-circulating Somali shilling notes

when the Somali government collapsed in 1990. The new shilling notes were actually circulated by one of the local warlords, who "liberated" them from a bank in Mogadishu; this is apparently the basis of their Pick catalog treatment as regional issues.

(Joseph E. Boling)

685 BALL, DOUGLAS B. *Comprehensive Catalog and History of Confederate Bonds*. Port Clinton, Ohio, U.S.A., BNR Press 1998. 292 pp. illus. ISBN 0-931960-58-4

All series of Confederate bonds, both domestic and overseas issues, are comprehensively presented, with extensive listings of obscure varieties such as the trans-Mississippi issues. The author has spent hundreds of hours in the National Archives digging out, among other details, actual serial numbers of issued pieces, the sequence of contracts to the many security printers involved, and the legislative bases for each issue. The illustrations are large and include identification of all vignettes and portraits, and many period photographs.

(Joseph E. Boling)

686 BANCO NACIONAL ULTRAMARINO (transl. Jin Guo-ping and John Walker). *Emissões de Papel-Moeda do Banco Nacional Ultramarino para Macau [Issues of Bank Notes by the Banco Nacional Ultramarino for Macau]*. Lisbon(?), Chaves Ferreira 1997. 272 pp. illus. ISBN 972-9402-33-7. Trilingual in Portuguese, Chinese, and English.

This sumptuous book documents all issues of banknotes by the BNU for Macau, as well as issues of locally printed fractional "bills" (*cédulas*) during WWII and immediately afterward. Information presented for the banknotes includes the legal basis for each series, the status of the bank as a fiduciary agent at each time it emitted notes, signatories, design elements, and much related data. Each chapter introduction includes reproductions of non-numismatic art of the Far East.

(Joseph E. Boling)

687 BERTSCH, WOLFGANG. Early Tibetan Paper Money. *TJ* 22 no. 3 (Autumn 1997) pp. 5-17 illus.

This article contains a brief discussion of the first banknote series in Tam and gives a list of 10, 15, 25 and blue 50 Tam notes known to exist in private and public collections.

(Author)

688 BERTSCH, WOLFGANG. Exotisches Papiergeld aus Tibet. *Der Geldscheinsammler* 8 no. 6 (Regenstauf, 1994) pp. 6-11 and 8 no. 7 (1994) pp. 12-21 illus. In German.

The author provides an extensive survey of Tibetan paper money based on western and Chinese sources and the author's own research with many illustrations of banknotes from the author's collection.

(Author)

689 BERTSCH, WOLFGANG. Die peruanischen Gelscheine des Henry Meiggs. *Paper Money Trend* 1 (Nov./Dec. 1997) pp. 27-30 illus.

This article on the banknote issues of "La Compañía de Obras Públicas y Fomento del Perú" gives the historical background for the issue of these notes.

(Author)

690 BERTSCH, WOLFGANG. Some notes on Tibetan paper currency. *TJ* 16 no. 1 (Spring 1991) pp. 128-37 illus.

The author publishes a 10-Tam note, dated T.E. 1658 (A.D. 1912) and suggests that the early 15, 25 and 50 Tam notes which are only known with the date T.E. 1659 may have been issued already with the date T.E. 1658. Most of the notes dated T.E. 1659 are obviously printed from blocks with the 1659 altered from an original 1658. Also mentioned is a forgery of the 50 Tam note T.E. 1659 and a printing block is illustrated which may have been a pattern for a note which was planned in the 1950s but was never issued.

(Author)

691 BERTSCH, WOLFGANG. *A Study of Tibetan Paper Money. With a Critical Bibliography.* Dharamsala, India, Tibetan Works and Archives 1997.

This is a historical and numismatic study of Tibetan banknotes based on Chinese and western sources and illustrated with color plates showing notes from the author's collection.

(Author)

692 BERTSCH, WOLFGANG. A Survey of Tibetan Paper currency (1912-1959). *Bulletin of Tibetology* n.s. 3 (2 November 1996) pp. 3-22 illus.

This article was extracted from the manuscript which formed the basis for the publication "A Study of Tibetan Paper Money" and describes and illustrates all major Tibetan banknote types.

(Author)

693 BEYER, ERWIN. *Chinesisches Papiergeld—Versuch Einer Beschreibenden Liste: XII, jiang-xi bis jun-yuan.* Grafschaft, Germany, by the author 1996. 324 pp. illus.

This is the most recent (and by far the largest) volume of the author's catalogue of all known notes of China (excluding some Smith/Matravers type 5 block printed notes). This volume contains over 400 notes, including 91 pages of newly-discovered notes supplementing volumes I-XI.

(Joseph E. Boling)

694 CARLSON, K.C.C. Paper Money of Sardinia. *IBNS* 37 no. 3 (September 1998) pp. 27-34 illus.

Notes issued in Sardinia over almost two centuries, from 1780-1978, are described, with considerable related economic history. In addition to central bank

issues, many emissions of local banks and municipalities are described, ending with the *miniassegni* (local circulating checks) of the 1970s. (Joseph E. Boling)

695 CHIRINOS, MIGUEL. Grand Marshall Antonio Jose de Sucre. *IBNS* 37 no. 2 (June 1998) pp. 40-41 illus.

De Sucre's career is summarized, and his posthumous impact on South American currencies is described. (Ecuador named its currency for him and his portrait appears on numerous banknotes). (Joseph E. Boling)

696 COLLINET, PH. Les billets émis par la Banque liégeoise et Caisse d'épargne [Belgium]. *Vie num* 46 (1996) pp. 340-42.

697 COLLINET, PH. Les bons de nécessité imprimés par la S.A. des Cristalleries du Val-Saint-Lambert [Belgium]. *Vie num* 46 (1996) pp. 337-39.

698 COLLINET, PH. Un faux billet de 1.000 francs (type 1869 A) [Belgium]. *Vie num* 47 (1997) pp. 26-27.

699 COLLINET, PH. Faux billets de 20 francs (Type 1869 A) [Belgium]. *Vie num* 47 (1997) pp. 171-72.

700 FELLER, STEVE. Ice Coupons of the Young Coal Company of Waterloo, Iowa. *IBNS* 37 no. 2 (June 1998) pp. 35-36 illus.

A booklet of coupons used to purchase ice for residential ice boxes in the 1940s is described, with some additional information about how a household would communicate with the iceman. (Joseph E. Boling)

701 GIMBER, MICHAEL. Die Notgeldscheine der Stadt Durlach. *Badische Heimat* 78 (1998) pp. 185-94 illus.

The course of the inflation after World War I in Durlach (currently a part of Karlsruhe) is related and the emergency notes which were issued are presented. (Peter Hugo Martin)

702 GRANDT-NIELSEN, FINN. En gåde løst? En ukendt samling nødpengeseidler [Is the Riddle solved? An unknown collection of emergency bills]. J. C. Moesgaard and P. Nielsen, eds., *Ord med mening, festskrift til Jørgen Steen Jensen 1. november 1998* (Copenhagen, Nordisk Numismatisk Union 1998) pp. 31-35 illus. In Danish with English summary.

Hitherto unpublished private Danish emergency bills from around 1809 are discussed.
(*Jens Christian Moesgaard*).

703 GRIFFITHS, OWEN. A Rare Mauritian Bank Note Comes to Light. *IBNS* 37 no. 2 (June 1998) p. 37 illus.

The first reported example of an issued 50 rupee note of Rey type III (Pick 18, 1 January 1920) is described and illustrated. Although issued, the piece is marked "specimen." The author speculates on the reason for the marking and for this being the first issued note to surface.
(*Joseph E. Boling*)

704 HEATH, HENRY B. The Grand Duchy of Luxembourg. *IBNS* 37 no. 3 (September 1998) pp. 11-13 illus.

The history of the grand duchy is outlined, with illustrations of notes bearing portraits of members of the royal family. A listing of additional notes bearing relevant portraits is appended.
(*Joseph E. Boling*)

705 HEATH, HENRY B. Portuguese Royalty on Bank Notes. *IBNS* 37 no. 2 (June 1998), pp. 13-16 illus.

The history of the Portuguese royal houses is outlined, with illustrations of notes bearing portraits of many of the individuals discussed in the article. A listing of additional notes bearing relevant portraits, including some issued by colonies or former colonies, is appended.
(*Joseph E. Boling*)

706 HEATH, HENRY B. Spanish Royalty on Bank Notes. *IBNS* 37 no. 2 (June 1998) pp. 8-12 illus.

The history of the Spanish royal houses is outlined, with illustrations of notes bearing portraits of many of the individuals discussed in the article. A listing of additional notes bearing relevant portraits, including some issued by other nations, is appended.
(*Joseph E. Boling*)

707 HEATH, HENRY B. The Swedish Monarchy on Bank Notes. *IBNS* 37 no. 3 (September 1998) pp. 19-22 illus.

The history of the Swedish royal houses is outlined, with illustrations of notes bearing portraits of some of the individuals discussed in the article. A listing of additional notes bearing relevant portraits, including one issued by Norway, is appended.
(*Joseph E. Boling*)

708 HRDÁ, ALENA et al. *Bankovky a Mince: České národní banky 1993-1994 [Banknotes and Coins of the Czech National Bank 1993-1994]*. Prague, Nuga 1994. 112 pp. illus. In Czech with English and German summaries. ISBN 80-85903-00-8. (An unnumbered volume of Encyclopaedia Bohemica)

The development of new notes and coins for the Czech Republic when Czechoslovakia was divided is explained in detail, from the policy and design decisions through preparation and issue. The surcharges placed on the then-circulating notes of the State Bank of Czechoslovakia are illustrated. The portraits and security features of each new note are illustrated in enlarged color photographs. Technical data on designers, engravers, mint privy marks, and so forth is provided.

(Joseph E. Boling)

709 JAMES, BENJAMIN D. Technomoney—The Future of the Bank Note? *IBNS* 37 no. 2 (June 1998) pp. 22-24 illus.

Currently available "smart cards" (plastic cards with embedded electronic chips bearing monetary credit information) are described and scenarios for their use as money replacements are presented.

(Joseph E. Boling)

710 KHABIBULLAEV, AKRAM and DAVID SPENCER SMITH. Paper Money of the Islamic Republic of Eastern Turkistan: II. Issues of Khotan. *IBNS* 37 no. 3 (September 1998) pp. 23-26 illus. [Part I is abstracted under Smith, David Spencer.]

Notes issued in Khotan by the Turk-Islamic Republic of Eastern Turkistan (a transitory government established in Kashgar 1933-34), or anticipating its creation, are presented in detail, with a full transliteration and translation of all inscriptions on the 100 dachin note. These notes are contrasted with those issued in Kashgar (part I of this series); the Khotan issues are much more crude.

(Joseph E. Boling)

711 KLAUS, LADISLAV. Currency Reflecting the Communist Coup of Czechoslovakia. *IBNS* 37 no. 2 (June 1998) pp. 28-31 illus.

The bloodless seizure of the Czech government on 25 February 1948 by the Communist party and the notes that followed are described. Several pieces that were never issued are described or illustrated.

(Joseph E. Boling)

712 KVEDERAS, BOB JR. and BOB KVEDERAS SR. *The Alexander Hamilton Web-Fed Press*. Cocoa Beach, Florida, U.S.A., by the author 1998. iv+88 pp. illus.

The operation of the web press at the Bureau of Engraving and Printing is described, and the distinguishing features of web-printed notes are explained. Web notes are printed from a continuous roll of banknote paper, rather than one sheet at a time; the BEP's web press used distinctive plates, so that notes printed on it can be distinguished in circulation. All known serial number blocks of web notes are cataloged and evaluated.

(Joseph E. Boling)

- 713** LAWLER, JAMES. *Algeria: Bank Notes Reflecting a Changing Society*. *IBNS* 37 no. 3 (September 1998) pp. 42-43.

The history of Algeria from 1827 to the present is presented briefly, with equally sketchy descriptions of the currency emissions at each stage of the nation's development. (Joseph E. Boling)

- 714** LIU DA-YOU. *Food Coupon—Collectors' Pet*. No place stated, China Ration Collectors' Society 1994. 8+178+28 pp. illus. In Chinese.

Food ration coupons and certificates, mostly of the People's Republic of China, are presented. Relatively few are illustrated. (Joseph E. Boling)

- 715** MANOLE, MIRCEA and AURICA SMARANDA. *Catalog Numismatic. Bancnote [Numismatic Catalogue. Banknotes] 1853-1997*. Bucharest 1997. In Romanian and English.

The authors publish a complete catalogue of Romanian banknotes and bills issued by the National Bank of Romania and Ministry of Finance between 1853 and 1997. In addition, other issues such as war notes issued in Romania by the German army in 1917 and those of the Red Army in 1944 are included, plus assignates, exchange money cash vouchers, tickets and different notes. (Constantin Preda)

- 716** MONETARY RESEARCH INSTITUTE. *MRI Bankers' Guide to Foreign Currency (28th Edition: III 1998)*. Houston, Monetary Research Institute 1998. 256 pp. illus. ISSN 1055-3851.

This is the most recent quarterly edition of what has become a standard reference at foreign exchange desks worldwide. Current notes and travelers checks and obsolete but still redeemable notes of scores of nations are illustrated in color, with additional information such as warnings of known counterfeits, serial number ranges of stolen notes, time limits for redemption of obsolete currencies, and notices when numismatic values are higher than exchange values. Additional information includes a table of currency symbols, a list of currency names indexed to issuing nation, a section of illustrations of notes in exotic (non-Roman) alphabets, and alerts of impending demonetizations, new issues, and so forth. Introductory remarks are presented in five languages. (Joseph E. Boling)

- 717** *Money and Banking in Maryland*. Two-section volume composed of BRUCHEY, STUART and ELEANOR, *A Brief History of Commercial Banking in the Old Line State*, and KELLY, DENWOOD, ARMAND SHANK, JR., and THOMAS GORDON, *A Catalogue of Maryland's Paper Money 1790-1865* (Baltimore, Maryland Historical Society 1996). 553 pp. illus.

The distinguished economic historian family of Bruchey provides a readable concise history to add context to the catalogue entries. The history covers Maryland from colonial beginnings to the mid-1980s. The catalogue covers all forms of paper money (bank notes) and scrip, including railroad, store, town and even scrip issued by individual citizens. The format of the catalogue is similar to Haxby, with a few differences. There are no values in this catalogue. A detailed rarity table is provided and all pieces are rated for rarity only. Information on printers, note engravers and providers of scrip adds value to the listing. There are some extended entries on some issues which provide additional historical and factual information. (Thomas Serfass)

718 NEWMAN, ERIC P. *Early Paper Money of America*. 4th edition. Iola, Wisconsin, Krause Publications 1997. 487 pp. illus.

The standard reference for the colonial paper issues has been updated and expanded, in particular the section on Louisiana. A section of color photos of notes is also improved and expanded. There are excellent sections on Continental currency including a list of signers. Coverage of state issues includes coverage of counterfeits (several illustrated), an appendix of Latin mottoes, and extensive bibliography.

(Thomas Serfass)

719 PEYREY, SYLVIE. Un nouveau billet de 100 F à l'effigie de Cézanne. *BSFN* 53 no. 1 (1998) pp. 20-22 illus.

The author reviews the history of 100-franc notes, describes this note and the methods for battling counterfeiting.

(Marc Bompaire)

720 PRIEUR, MICHEL and JEAN-MARC DESSAL. *Billets XVIII: Catalogue de billets Français à prix marqués*. Paris, Compagnie Général de Bourse 1998. 208 pp. illus.

Although this is a dealer's fixed price list, it is also a comprehensive catalogue of the entire corpus of French notes, including hundreds of date and alphabet varieties, many illustrations of rare notes, sections on counterfeits, errors, specimens/proofs, organizational replicas, political and satirical notes, military notes, post-WWII regional issues, and printers' test pieces. It is published with a 16 page supplement offering and illustrating fifteen extremely rare 19th century *Banque de France* notes.

(Joseph E. Boling)

721 PUKANIĆ, SLOBODAN and GJURO KRASNOV. Pobunjeni Srbi u Republici Hrvatskoj osnovali Krajinu i izdali svoje novčanice (1992-1994) [Serb rebels in the Republic of Croatia founded krajina and issued their own banknotes (1992-1994)]. *Numizmatičke vijesti* 51 (1998) pp. 67-78 illus. English summary.

Enumerated are banknotes in the four series issued by the "national Bank of the Republic of Serbian Krajina" from 1992-94. Texts of official documents relating to

the banknotes are also given. Illustrated are one example of each series, along with three uniface certificates designed for a 1992 defense loan which was never carried out. A chronology of the Republic of Serbian Krajina is given. (*Charles B. Smith, Jr.*)

722 RHODES, NICHOLAS G. The Dating of Tibetan Banknotes. *TJ* 13 no. 1 (1988) pp. 57-60.

Using strong evidence, the author solves the problem of the dating on Tibetan banknotes and gives the following equation to convert years of the Tibetan Era into years A.D.: Year in T.E. + 254 = A.D. Year. (*Wolfgang Bertsch*)

723 SAITOH MANABU. Nihon Mohi (kabu) to Peteropaburofusuku de hakkoh saretā kogitte [The Japan Fur Company scrip issued in Petropavlovsk]. *Chi-iki-shi Kenkyō Hakodate (Hakodate Regional History Studies)* 28 (5 September 1998) pp. 49-57 illus. In Japanese.

A summary of the operations of the Japan Fur Co. branches on the Kamchatka Peninsula from 1918-22 is provided. Sometime during this period the firm issued yen-denominated scrip in three relatively high denominations (¥5, ¥10, ¥20). Ruble-denominated scrip, although probably issued, has not yet been reported by collectors. All inscriptions on these notes, which are in Russian, have been translated into Japanese (including the lengthy redemption instructions on the backs of the notes).

(*Joseph E. Boling*)

724 SALGADO, JAVIER. *O Papel Moeda das Antigas Colonias Portuguesas [Paper Money of the former Portuguese Colonies]*. Fundação Dr. Antonio Cupertino de Miranda 1997. 115 pp. illus. In Portuguese.

This is the first Portuguese catalogue listing all paper money of the former colonies. It contains prices in escudos. (*Alain Costilhes*)

725 SMITH, BRUCE W. Notes on Old Man Dollar. *JEAN* 5 no. 3 (whole number 17, Fall 1998) pp. 12-18 illus.

The principal varieties of Taiwanese "old man" dollars are described, and characteristics of several counterfeits. Widely considered to be rebel issues, the author demonstrates that they could not possibly have originated thus, and conjectures that they were actually created to pay troops likely being used to suppress rebels, and gives rationale for their use in lieu of sycee. Using contemporary documents, he dates them between 1834 and 1844.

(*Joseph E. Boling*)

726 SMITH, DAVID SPENCER and AKRAM KHABIBULLAEV. Paper Money of the Islamic Republic of Eastern Turkistan—Part I. Issues of Kashgar. *IBNS* 37 no. 2 (June 1998) pp. 17-22 illus. [Part II is abstracted under Khabibullaev, Akram.]

Paper issues of the Turk-Islamic Republic of Eastern Turkistan (a transitory government established in Kashgar 1933-34) are presented in detail, with a full transliteration and translation of all inscriptions on a newly-discovered 5 misqal note (equivalent to 200 red copper cash). The authors present interesting speculations on the designer of both these notes and the contemporary coinage. (Joseph E. Boling)

727 SØMOD, JØRGEN. A Danish Newspaper Story from 1941. *CCS* 2 no. 2 (August 1997) pp. 8-9.

A short article from the Holstebro Social Democrat of 18 November 1941 is translated, to the effect that Napoleon I had counterfeited Bank of England and Russian notes. The submitter asks if any readers have encountered such counterfeits.

(Joseph E. Boling)

728 SYMES, PETER. *The Bank Notes of Katanga*. Canberra, P.J. Symes 1998. 88 pp. illus. ISBN 0-9585402-0-9.

The notes of this short-lived state (1960-63) are catalogued in detail. Consisting of only nine notes, plus the enigmatic *Gouvernement Katanga* overprints on Rwanda and Burundi notes, all aspects of the preparation and emission of the notes are covered. Appendixes include translations of contemporary newspaper accounts and statutes, two essay notes prepared by Waterlow and Sons, the significance of the Katanga cross (large copper trade goods) to the designs of Katangan coins and notes, and a summary of the philately of Katanga.

(Joseph E. Boling)

729 SYMES, PETER. The Exchange and Deposit Banks of John Maberly. *IBNS* 37 no. 3 (September 1998) pp. 13-18 illus.

The commercial and banking activities of John Maberly, an English linen manufacturer who established a bank in Scotland, are described. Maberly caused a furor in Scottish banking circles by grossly undercutting other banks in the discount he charged on London sight notes. He subsequently had one fight after another with the Scottish bankers, all described in the article. He issued his own notes as well, from at least 1818 to 1825.

(Joseph E. Boling)

730 SYMES, PETER. Hansard and his Typographic Note. *IBNS* 37 no. 2 (June 1998) pp. 24-27.

An 1819 anticounterfeiting proposal from Thomas C. Hansard employing multiple technologies is described. Hansard proposed notes printed with several vignettes engraved into various substances, some to be prepared as letterpress blocks and others intaglio, with text in esoteric fonts of legally limited availability and including secret marks, all to be cast into printing plates for use on paper with distinctive qualities. The author includes the responses to Hansard's proposal from his colleagues in the Society of Arts. No notes were produced using Hansard's approach.

(Joseph E. Boling)

731 TALVIO, TUUKKA. Setelien väreistä [The colors of Finnish banknotes]. *Numismaattinen Aikakauslehti* 4 (1998) pp. 118-19 illus.

When the first Finnish banknotes with color printing were issued in the 1840's, their colors were the same as in Russia (red for ten rubles, blue for five, etc.). Similar color schemes have often been used in Finland even in more recent times. (Author)

732 TIESTE, REINHARD. *Katalog des Papiergeldes der Deutschen Kriegsgefangenlager im I. Weltkrieg.* Bremen, Verlag Fachhandel Versand 1998. 155 pp. illus. ISBN 3-9802324-9-2.

German notes of over 900 World War I POW camps are listed. Notes are listed in alphabetical order by camp or town name. Notes for German prisoners in other nations are not covered. (Joseph E. Boling)

733 TOMASKO, MARK D. "Please bear in mind when engraving that the Duchess is a blond..." *IBNS* 37 no. 3 (September 1998) pp. 6-10 illus.

The circumstances of Robert Savage's engraving of Grand Duchess Charlotte of Luxembourg in 1932 are described. The article title is a paraphrase of a letter from an American Bank Note Company functionary to Savage. Savage had to justify his rendition of the portrait as a brunette to his superiors, but the Grand Duchess' consort seems to have thought the likeness was better than the photograph upon which it was based. (Joseph E. Boling)

734 TOMITA MASAHIRO. Foreign Exchange Scrip of Albania, "Buona Lek"—the Earliest Example in the World. *IBNS* 37 no. 3 (September 1998) pp. 34-36 illus.

The 1953 Albanian foreign exchange scrip was the forerunner for ten other nations that issued such notes as a way to obtain hard currencies and to control domestic access to foreign goods. The six notes issued by Albania are illustrated and described. (Joseph E. Boling)

735 TOMITA MASAHIRO. Variety of China's Low Denomination Currency. *IBNS* 37 no. 2 (June 1998) pp. 32-34 illus.

Currently-circulating coins and notes of several emissions are described for 1- and 2-yuan denominations. Over time, intaglio printing and multiple colors have been dropped from the backs of the notes, resulting in some public confusion about the legitimacy of the simpler pieces. The author posits that the continued production of low-denomination notes is due to inadequate minting capacity for coins of those denominations. (Joseph E. Boling)

736 TURRO, A. Els vals monetaris dels serveis públics de Barcelona durant la guerra de 1936-1939. *Acta Num* 27 (1997) pp. 177-83.

737 VAN ELMPT, T.F.A. *Surinam Paper Currency: volume 1—1760 to 1957*. Uithoorn, The Netherlands, Elran Press 1997. xxvi+442+4+2 pp. illus.

A brief history of Surinam is followed by a comprehensive catalogue of all note issues (including card money and circulating bonds) for the colony to 1957. Rarity tables are provided for all issues, including known existence of proofs and specimens; most issues are illustrated, including many very rare pieces. (Joseph E. Boling)

738 VAN SOEST, JAAP. *Trustee of the Netherlands Antilles: a history of money, banking and the economy with special reference to the central Bank van de Nederlandse Antillen 1828—6 February—1978*. Zutphen Netherlands, De Walburg Pers (no date). 422 pp. illus.

A comprehensive economic history of the Netherlands Antilles, stressing the role of the bank, is presented. Appendices include the governing statutes and charter, lists of officers, and annual balances from 1828-1976. Illustrations include rare issued and proof notes and contemporary photographs. (Joseph E. Boling)

739 WISEHN, IAN. Ett amerikanskt varuprov till Riksens Ständers Bank [An American commercial sample to the Swedish Bank]. *NNUM* 4 (1998) pp. 50-52 illus. In Swedish.

An offer from 1861 to print Swedish bank notes in New York is described. The offer was not accepted. (Jens Christian Moesgaard)

740 WU CHOU-ZHONG. *Zhong Guo Zhi Bi Yan Jiu [Chinese Paper Money Research]*. Shanghai, Shanghai Ancient Books 1998. vi+1+2+13+330 pp. illus. ISBN 7-5325-2355-1. In Chinese.

Nineteen lengthy articles about current research and recent discoveries in Chinese notes are presented (although much of the information has also been published elsewhere). The book starts with wood block notes of the Northern and Southern Sung, Chin, and Yuan dynasties. Following are articles cataloging emissions of foreign banks, the four central banks, and numerous provincial, commercial, local, and communist banks, and some local merchant scrip. (Joseph E. Boling)

741 WU JI-ZHONG and QU LONG-BING. *Zhongguo Dai Yung Chuan Tulu [Illustrated Catalog of Chinese Coupons]*. Beijing, China Science Society Publishers 1995. x+238 pp. illus. ISBN 7-5004-1820-5. In Chinese.

Hundreds of pieces of store and transportation scrip are catalogued, organized by type of issuer (such as clothiers, theaters, sports clubs, night clubs, finance companies, grocers, bakers, pharmacists, bus companies, bookstores, dry cleaners, race tracks, etc). Most pieces are from Shanghai in the pre-World War II period. No values are provided. (Joseph E. Boling)

742 WU KE-YI (transl. Wei Ya-ming). *Zhong Guo Zhi Bi Tu Pian Mu Lu* [*China Bank Notes Pictorial Catalog: Four-Bank Notes*]. Shanghai, Shanghai Scientific and Technological Literature Publishing House 1998. iv+462+619+7 pp. illus. ISBN 7-5439-1184-1/Z 835. In Chinese and English.

The "four-bank notes" referred to are the issues of the four national banks of the Republic of China (Bank of China, Central Bank of China, Bank of Communications, and Farmers Bank of China). Some 3800 varieties of notes of these four banks are catalogued, followed by about 2800 illustrations of notes, mostly in natural color. Specimen, unfinished, and cancelled notes and printer's waste are included with the circulation varieties. Data provided for each variety include printer, plate technology (intaglio, litho), paper, date, denomination, note backing (specie, legal tender declaration, etc.), size, face and back colors and vignettes, serial number elements and color, watermark, secret marks, seals and colors, issuing branch, signatures, remarks, value, and a cross-reference to the page where the illustration is found. Values in US\$ are given from fourteen previously published references, and a synthesized value index and prices in three (unspecified) grades are provided. (Joseph E. Boling)

743 ZELLWEGER, CHRISTOF. Minutes of the Meeting of the Swiss Federal Council of Friday, 27th May 1938. *IBNS* 37 no. 3 (September 1998) pp. 37-38 illus.

These minutes report the council's deliberations on the status of the currency supply in the event of war. The situation in 1914 at the outbreak of WWI is described, including steps taken to alleviate currency shortages due to hoarding. The situation in 1938 is described, and authority to prepare emergency notes is granted. Two of these notes (never issued) are illustrated. (Joseph E. Boling)

For additional references to Paper Money, see the following abstracts:

East Asia, no. 344

Western and Central Europe, no. 449

Eastern Europe and the Balkans, no. 567.

TOKENS AND JETONS

744 ALTHOFF, RALF. *Sammlung Köhler-Osbahr Band II/3: Vormünzliche Zahlungsmittel und Außergewöhnliche Geldformen: Siamesische Porzellantoken*. Duisburg, Kultur- und Stadthistorisches Museum Duisburg 1995. 331 pp. illus. ISBN 3-89279-513-4. In German with some English.

The author catalogues 1359 Siamese gambling tokens (almost all porcelain, a few mother-of-pearl), with separate translations in German and English of the

inscriptions and a stroke-count index of first characters. The work includes a 31-page introduction in parallel German/English. A few modern replicas are identified. See also Weber-Brosamer (see PRIMITIVE COINAGE) for another volume of this series.

(Joseph E. Boling)

745 CUNNINGHAM, PAUL A. *Military Tokens of the United States: Volume 2 (Overseas Issues)*. Tecumseh, Michigan, USA, Michigan Exonumia Publishers 1998. xii+461 pp. illus. ISBN 0-945008-01-5.

"Club tokens" used by U.S. military personnel at overseas installations and on U.S. ships are listed by country of use, for the period from the Spanish-American War through the Vietnam War. Thousands of tokens are listed, newly-renumbered, with cross-references to Curto numbers. Comprehensive indexes of word and numeric inscriptions are provided to link tokens of both volumes 1 and 2 to countries and installations of issue.

(Joseph E. Boling)

746 CUNNINGHAM, PAUL A. *Military Tokens of the United States: A Comprehensive Index for Volume 1 (Domestic Issues) and Volume 2 (Overseas Issues), including an Alphabetical Index and a Numerical Index*. Tecumseh, Michigan, USA, Michigan Exonumia Publishers 1998. 52 pp.

This is an offprint of pages 409-459 of volume 2 (Overseas Issues) of the token catalogue by the same author.

(Joseph E. Boling)

747 DENAYER, A. *Jetons des comtes de Hainaut*. *Vie num* 47 (1997) pp. 227-32.

748 ERICKSON, AL. *Washington State Trade Tokens*. Tacoma, Northwest Token and Medal Society 1998. xxxix+608 pp. illus.

About 15,000 metallic merchant trade and advertising tokens of Washington are catalogued, with complete written descriptions and rarity codes. Tokens issued for other purposes (parking, gaming, car wash, sales tax, etc.), or made of wood or plastic are excluded, as well as medals, scrip, mirrors, Masonic pennies, non-token advertising items, and similar pieces.

(Joseph E. Boling)

749 FORREST, BOB. *An Odd Sort of Thing to Fake*. CCS 3 nos. 1 and 2 (1998) pp. 19-25 illus.

Seven fake Thai gambling tokens are shown and the reasons for their creation discussed. Generally, tokens with sloppy coloration and unglazed reverses are modern tourist souvenirs, but this cannot be taken as a firm rule. The demand for tokens by domestic collectors has absorbed the supply; thus the fakes for indiscriminating buyers.

(Joseph E. Boling)

750 JONES, BILL. The John Marr Illustrated Token Collection (Wisconsin). *Civil War Token Journal* 32 no. 2 (Summer 1998) pp. 2-12 illus.

The author present tokens of this Civil War engraver. (Thomas Serfass)

751 MITCHINER, MICHAEL. *Jetons, Medalets and Tokens. Volume three: British Isles c. 1558 to 1830.* London, Hawkins Publications 1998. 591 pp. illus.

752 NUYTTENS, MARCEL. Penningen voor een Zweedse zandgroeve. *JEGMP* (1995-1996) pp. 49-50.

A description of 5 tokens issued between 1780 and 1837 by a Swedish company (Kupfer- und Eisenwerke Polett in Avesta, Sweden) is given. (Johan van Heesch)

753 SWIDERSKI, ORTWIN. Grubenmarken des Reviers. *NNb* 47 (1998) pp. 321-22 illus.

754 WHEELER, RALPH. *A Guide to the Mark Tokens of the English Constitution.* London, InterCol 1996. 42 pp. illus.

This is a catalogue of tokens issued by Mark lodges of the English Freemasons (Martin Allen)

For additional references to Tokens and Jetons, see the following abstracts:

Roman, no. 250

Western and Central Europe, no. 516

Medals and Decorations, nos. 622, 673.

REVIEWS

AMELING, WALTER. *Monumenta Asiae Minoris Antiqua* Vol. X: Monuments from Appia and the upper Tembris valley, Cotiaem, Cadi, Synaus, Ancyra, and Tiberiopolis. London 1993. *Gnomon* 70/6 (1998) pp. 525-38.

BERGHAUS, PETER. *Numismatische Literature 1500-1864*. Wiesbaden 1995. Rev. G. Thüry, *SM* 47 (1997) pp. 79-83.

CĂLIAN, LIVIA and MARIA JUDE. *Catalogul medaliilor napoleoniene din cabinetul numismatic al Muzeului Național de istorie al Transilvaniei* [Catalogue of Napoleonic medals from the numismatic collection of the Transylvanian National Museum of History]. *Bibliotheca Musei Napocensis* 10. Cluj-Napoca 1995. Rev. Angela Mureșan, *Apulum* 34 (1997) pp. 718-19.

CARRADICE, I. *Greek Coins*. London 1995. Rev. G.C. Kumpikevicius, *CCN* 34, 13 (22 Oct. - 4 Nov. 1996) pp. 8, 11.

CHAKARABORTY, SWATI. *Socio-Religious and Cultural Study of the Ancient Indian Coins*. Delhi, no date given. Rev. Joseph Uphoff, *JEAN* 5 no. 3 (whole number 17, Fall 1998) pp. 37-38.

DEUTSCHE BUNDESBANK. *Vom der Baumwolle zum Geldschein*. Frankfurt am Main, no date stated. Rev. Helmut Bartel, *IBNS* 37 no. 2 (June 1998) p. 34.

EASSON, ALISON H. *Roman Republican Coins in the Royal Ontario Museum - and "Aes Rude" Italic Cast Bronze Coins and Italic Issues from the Social War of 91-87 B.C.* Toronto 1998. Rev. B.R. Brace, *the Anvil* 8 no. 3 (1998) p. 48.

HAZZARD, R.A. *Ptolemaic Coins: An Introduction for Collectors*. Toronto 1995. Rev. E.B. Banning, *CN* May 1997 p. 46; rev. T.M. James, *Journal of the Society for the Study of Egyptian Antiquities* 23 (1993, publ. 1996) pp. 75-77; rev. C. C. Lorber, *SAN* 20 (1997) pp. 33-38; rev. C. Schulze, *Celator* (January 1996) p. 40; rev. N. Stampe, *Fyens Stiftstidende* (14 August 1997) p. 10; rev. K. K. Wetterstrom, *Classical Numismatic Review* 21.1 (1996) p. 23.

KVEDERAS, BOB JR., and BOB KVEDERAS SR. *The Alexander Hamilton Web-Fed Press*. Cocoa Beach 1998. Rev. Michele Orzano, *CW* 28 Sep 1998 p. 98.

MORRISSON, CÉCILE. *Monnaie et finances à Byzance: analyses, techniques*. London 1994. Rev. Manuela Dobre, *CercetNum* 7 (1996) pp. 284-86.

WIECHMANN, RALF. *Edelmetalldepots der Wikingerzeit in Schleswig-Holstein*. Neumünster, 1996. Rev. Kenneth Jonsson, *NNUM* 7 (1998) pp. 109-12.

WONG HON SUM. *The Japanese Occupation of Malaya (Singapore) and its Currency*. Singapore 1996. Rev K. A. Rodgers, *IBNS* 37 no. 2 (June 1998) pp. 42-43 illus.

OBITUARIES

ENNO VAN GELDER, HENDRIK. *NNUM* 5 (1998) pp. 76-77.

HACKENS, TONY (1939-1997). *RBN* 143 (1997) pp. iii-xxi.

VUORJOKI, AARRE. *Numismaattinen Aikakauslehti* 3 (1998) pp. 90-92
illus.

ZUCCON, BOGUMIL (1923-1997). *Numizmatičke vijesti* 51 (1998) pp. 222-23.

HOARD LIST

References are cited by abstract numbers to publications describing hoards. Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

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The references in this index are derived from the abstracts, and should not be regarded as an index of the original publications. Citations are to abstract numbers. The following abbreviations are used: cent. for century, num. for numismatic, coll. for collection.

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NUMISMATIC LITERATURE

No. 142

September 1999



THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

UNIV. OF MICH.

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THE AMERICAN NUMISMATIC SOCIETY

Founded 1858 Incorporated 1865

Broadway between 155th and 156th Streets
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PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are forty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly Newsletter are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

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THE AMERICAN NUMISMATIC SOCIETY
NEW YORK

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THE AMERICAN NUMISMATIC SOCIETY**

**ISSN 0029-6031
ISBN 0-89722-277-6**

**PRINTED IN U.S.A.
AT BRAUN-BRUMFIELD, INC., ANN ARBOR, MICHIGAN**

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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefiting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The Greek section correlates with the broad definition of Head's *Historia Numorum*. At the end of each section is a list of numbered cross references to abstracts with related material in other sections.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a festschrift or proceedings of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
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6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

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Material may be sent to the International Editor in printed form or on diskette. Contributors wishing to use the latter form should submit an IBM-readable diskette containing files in one of the following formats:

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NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

The following list of periodicals supplements the list published in volume 139 (March 1998).

<i>Adalya</i>	Suna-Inan Kıraç Research Institute on Mediterranean Civilizations. Antalya, Turkey.
<i>AN</i>	Annotazioni Numismatiche. Milan.
<i>Bulletin of Tibetology</i>	Bulletin of Tibetology. Namgyal Institute of Tibetology, Gangtok, Sikkim, India.
<i>Cuadernos de Numismática y Ciencias Históricas.</i>	Cuadernos de Numismática y Ciencias Históricas. Buenos Aires, Argentina.
<i>Der Geldscheinsammler</i>	Der Geldscheinsammler. Regensburg, Germany.
<i>Medallas.</i>	Medallas. Publicación del Circulo de Coleccionistas de Medallas, Santiago de Chile.
<i>NearEast Arch</i>	Near Eastern Archaeology. Formerly, <i>Bibl Arch.</i>
<i>Numismática (Peru)</i>	Numismática. Publicación oficial de la Sociedad Numismática del Perú, Lima, Peru.
<i>Numismática (Uruguay)</i>	Numismática. Instituto Uruguayo de Numismática. Montevideo, Uruguay.
<i>Paper Money Trend</i>	Paper Money Trend. Purkersdorf, Austria.
<i>TJ</i>	Tibet Journal. Dharamsala, India.

GENERAL

1 ARDEVAN, RADU. Colecția monetară a gimnasiului din Gherla [The collection of coins of the institute at Gherla]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 19-27. Germany summary.

Based on a list from 1907, the author reconstructs the contents of the collection, which is now lost. It included three Greek coins, 18 Republican denarii, 71 Roman imperial coins (including aurei and medallions) and four 12th-century Hungarian coins.
(Gh. Poenaru Bordea)

2 Aus der Arbeit der SNG im Jahre 1998. *Freiberger Münzblätter* 8 (1999) pp. 43-45.

3 BERGHAUS, PETER. Axel Ernst—et portræt af en numismatiker [Axel Ernst—a portrait of a numismatist]. *NNUM* 4 (1999) pp. 63-66 illus. In Danish.

This is a portrait of the Danish collector and amateur scholar Axel Ernst (1891-1964).
(Jens Christian Moesgaard)

4 BERGHAUS, PETER. Numismatiker im Porträt. 47. Axel Ernst 27.März 1891 Odense - 14.Mai 1964 Odense. *GN* 34 (1999) pp. 16-18 illus.

5 BERGHAUS, PETER. Numismatiker im Porträt. 48. Charles Patin 23. Februar 1633 Paris - 10. November 1693 Padua. *GN* 34 (1999) pp. 83-89 illus.

6 BOGZA, VASILE. Reflecții asupra formării specialistului în istorie monetară. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 537-40. Reflections on the training of experts in monetary history. *130 years since the establishment of the modern monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 528-31.

7 BOJKOVA, BISTRA and BORJANA RUSSEVA. Magister noster, collega noster—ad multos annos [Biography and bibliography of Professor Dr. Jordanka Youroukova]. *Numismatica et Sphragistika* (Sofia 1997) 4 (1995-1997) pp. 3-14.

The detailed review of the the work and scholarly career of Jordanka Jouroukova is accompanied by a numismatic bibliography consisting of 201 titles of articles, studies and books.

(Ilya Prokopov)

8 BUTNARIU, VIOREL M., ed. *Tezaure din muzeele oraşului Chişinău, secolele XVI-XVIII [Hoards from the municipal museum at Chişinău, 16th-18th centuries]*. Chişinău, Editura Universitas 1994. 131 pp. illus. ISBN 5-362-01115-4.

This work includes descriptions of 41 hoards, for a total of 4209 pieces, identified by Viorel M. Butnariu, Eugen Nicolae and Ana Boldreanu. Seven of the hoards also contain gems. The coins were struck in Poland-Lithuania (30 hoards), Holy Roman Empire (28), Low Countries (16), Hungary (10), Spain and its possessions (10), Ottoman empire (8), Moldavia (3), Russia (3), Sweden (3), Transylvania (2), Venice (2), Raguse (1) and Samarkan (a tankah of Sha Rukh [1405-47] countermarked by Abu Sa'id [1451-69]).

(Eugen Nicolae)

9 CONGRESSO NACIONAL DE NUMISMATICA. *Actas*. Lisbon, Associação Numismatica de Portugal 1995. 488 pp.

10 CUSTUREA, G., with A. VERTAN and G. TALMAȚCHI. *Descoperiri monetare în Dobrogea (XI) [Coin finds in Dobroudja (XI)]. Pontica 30 (1997, publ. 1998) pp. 371-87 illus. French summary.*

The article lists 156 Roman, Byzantine, medieval and modern coins of the 1st through 18th centuries found in Dobroudja, most of which are now in the collection of the National Museum of History and Archaeology at Constanța. (*Gh. Poenaru Bordea*)

11 DEMBSKI, GÜNTHER. Zum 200. Todestag von Joseph Hilarius Eckhel. *MÖNG* 38 no. 2 (1998) pp. 29-31 illus.

12 DIMITROV, DIMITAR, ILYA PROKOPOV and BOYKO KOLEV. *Modern Forgeries of Greek and Roman Coins*. Sofia, K&K Publishers 1997. 72 pp. illus.

In this small format (22.5 x 12 cm.) catalogue is published a large group of contemporary forgeries of ancient Greek and Roman coins from Bulgaria. Over 200 coins in gold, silver and bronze are catalogued and illustrated with black and white photos in chronological order. Of the coins, 66 are Greek (4 in gold, the remainder in silver) and 138 Roman (4 Republican denarii, 27 in gold, 65 in silver, 42 in bronze, including 5 medallions). The series will include a second issue with more than 109 additional forgeries.

(Authors)

- 13** FEA, GIORGIO. *Il fondo libri di numismatica della Biblioteca Civica "Giovane Battista Adriani" di Cherasco (secoli XVI-XVIII)*. Cherasco, Biblioteca e Museo "G.B. Adriani" 1998. 120 pp. illus.

This is a catalogue of frontispieces of numismatic works owned by G.B. Adriani and donated upon his death in 1898 to the Biblioteca Civica. They include a series of volumes published between 1570 and the end of the 18th century. (A. Carignani)

- 14** FEA, GIORGIO and BRUNO TARICCO. *Il ritrovamento monetale di Santa Maria del Carmine in Cherasco. Quaderni Museo "G.B. Adriani" 2* (Cherasco 1998) pp. 15-29 illus.

The authors publish 12 coins found at Cherasco in the Piedmont. They include Roman imperial asses (Augustus to Constantius Chlorus) and coins that can be dated between the 15th and 18th centuries, issues of Louis XI of France, the Gonzaga of Mantua, and the dukes of Savoy and the king of Sardinia (Charles II to Victor Amedeo III). (A. Carignani)

- 15** FLENSBORG, PETER. *Numismatisk Leksikon [Numismatic Dictionary]*. Copenhagen, Dansk Numismatisk Forening 1996. 416 pp. illus. In Danish.

- 16** FRIED, TORSTEN. *Staatliches Museum Schwerin. Dokumentation der kriegsbedingt vermißten Kunstwerke des Mecklenburgischen Landesmuseums in Schwerin. Band II: Münzen, Medaillen, Orden, Ehrenzeichen*. Schwerin 1998. 160 pp. illus.

- 17** GRUND, RAINER. 40 jähriges Dienstjubiläum von Paul Arnold. *Dresdner Kunstbl* 43 no. 2 (1999) pp. 68-69.

- 18** ICONOMU, CONSTANTIN. Virgil Mihăilescu-Bîrliba la 60 de ani! [Virgil Mihăilescu-Bîrliba at 60 years!] *ArhMoldovei* 20 (1997, publ. 1998) pp. 5-11 illus.

The author reviews the contributions of Mihăilescu-Bîrliba and provides a complete list of his archaeological and numismatic works. (Gh. Poenaru-Bordea)

- 19** *Inventar der Fundmünzen der Schweiz / Inventaire des trouvailles monétaires en Suisse, Bulletin IFS / ITMS / IRMS* 5 (1998). Lausanne 1998. 40 pp.

This is a list of coin finds in Switzerland in 1996 with a full bibliography.

(Benedikt Zäch)

20 JENSEN, JØRGEN STEEN. Christian VIII som numismatiker og hans samling af mønter og medaljer [Christian VIII as numismatist and his collection of coins and medals]. Bodil Bundgaard Rasmussen, Jørgen Steen Jensen and John Lund, eds., *Christian VIII og Natioanlmuseet* (Copenhagen 1999) pp. 45-75 illus. In Danish.

The author describes the collection of Greek coins and 18th-19th century medals of the Danish king Christian VIII (1839-48).
(J. C. Moesgaard)

21 KISIOV, COSTADIN, ILIA PROKOPOV and CONSTANTIN DOCHEV. *Numizmatichno bogatstvo na Archeologischeski Muzej - Plovdiv*. [Numismatic Riches of the Archaeological Museum - Plovdiv]. Sofia, Hemus Publishers 1998. 100 pp. illus. ISBN 954-8956-1-2.

Highlights and valuable coins from the collection of the Archaeological Museum in Plovdiv—188 Greek, Macedonian, Thracian, Roman, Byzantine and Bulgarian from the Plovdiv region (anc. Philippopolis) and south central Bulgaria—are published and illustrated in this book.
(Authors)

22 KLÜSSENDORF, NIKLOT. Der Reußische Archivar und Historiker Berthold Schmidt (1856-1929). Ein Lebensbild des Mitautors von "Schmidt und Knab." *GN* 33 (1998) pp. 5-9 illus.

The author presents a biography of Berthold Schmidt (1845-1929), author of the standard work on the monetary history of Reuss coins (with Karl Knab, Dresden 1907). Schmidt, a prolific writer in regional history, was the archivist of the principality of Reuss.
(Author)

23 KLÜSSENDORF, NIKLOT. Zeitungen als Quelle zur Münz- und Geldgeschichte. Mit Beispielen aus dem Kurfürstentum Hessen und seinen Nachbarterritorien. *GN* 33 (1998) pp. 261-70 illus.

Based on 19th-century material from Hesse, the source value of newspapers for research in numismatics and monetary history is evaluated.
(Author)

24 KRASNOV, GJURO. 50 godina uz graverski pribor—Vladimir Mataušić, umjetnički graver [Fifty years with engraver's tools—Vladimir Mataušić]. *Numizmatičke vijesti* 51 (1998) pp. 126-27 illus. English summary.

The author provides a brief biography and description of the works of Mataušić.
(Charles B. Smith, Jr.)

25 LUKIĆ, HERMINA. Kronologija razvoja Numizmatičkog odjela Muzeja Slavonije (od 1877. Do 1914 Godine) [Chronology of the

development of the Numismatic Department of the Museum of Slavonia (from 1877 to 1914)]. *Osječki zbornik* 18-19 (1987) pp. 98-114 illus. German summary.

The author describes the development of the numismatic department, and appends a chronology of individual donations, with extensive notes connecting these donations to museum records and to the present collection. A bibliography of publications on the material from the period covered is included.

(Charles B. Smith, Jr.)

26 MARTINI, RODOLFO and NOVELLA VISMARA. *Annotazioni bibliografiche. Articoli numismatici in riviste non numismatiche / numismatic articles in non-numismatic reviews. Parte I. nn. 57-144. AN 3 no. 12 suppl. 2 (December 1993). 32 pp.*

The authors present 88 numismatic articles published in non-numismatic reviews.

(Novella Vismara)

27 MARTINI, RODOLFO and NOVELLA VISMARA. *Annotazioni bibliografiche. Articoli numismatici in riviste non numismatiche / numismatic articles in non-numismatic reviews. Parte II. nn. 145-235. AN 4 no. 13 suppl. 3 (March 1994). 32 pp.*

The authors present 91 numismatic articles published in non-numismatic reviews.

(Novella Vismara)

28 MASTELLONI, MARIA AMALIA. Gli studi e l'attività di numismatico di E. Pirajno. *Enrico Pirajno di Madralisca. Umanità scienza e cultura in una grande collezione siciliana, Catalogo della mostra, Venezia 1997 (Palermo 1997) pp. 59-77 illus.*

The author provides biographical information on the numismatic scholarship and the formation of the collection of the Sicilian baron and collector E. Pirajno di Madralisca, who lived in the 19th century.

(A. Carignani)

29 MINKIN, ASSEN. *Olimpiadite, otrazeni ot svetovnoto moneto-sechene [The Olympic Games reflected on worldwide coinage]. Studia Numismatica 1 no. 1. Sofia, Agatho 1996. 24 pp. illus.*

30 NICOLAE, EUGEN. Constantin Preda la 70 de ani [Constantin Preda on his 70th birthday]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 99-12.

31 PĂUNESCU, CRISTIAN. Inceputurile Băncii Naționale a României. Date despre activitatea lui Eugeniu Carada la Parin în anul 1880. *130 de ani*

de la crearea sistemului monetar românesc modern (Bucharest, Editura Enciclopedică 1997) pp. 385-93. Early days of the National Bank of Romania. Eugeniu Carada's activity in Paris in 1880. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 374-82.

32 PELLICER I BRU, J. Acerca del Marco 'prim' dicho de Colonia (s. XII-XV). *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 357-68.

33 ROSEN, MAURICE. Some Limitations to the Use of Historical Price Performance Data. *GobrechtJ* 25 no. 73 (November 1998) pp. 28-29.

The author offers five considerations about the usefulness of price performance "comparisons" which are not generally reflected in the raw data (I paid x, sold for y, the difference z is my profit or loss). Among them are: famous collections when sold usually do not reflect the worst coins, duplicates, mistakes and highlight the very best coins; maintenance and insurance and possibly acquisition costs are not reflected in the "gain" a collection has experienced; selling cost and fees are not usually included in calculations and neither are taxes. While the data necessary to make truly accurate calculations may not be available, keeping the author's considerations in mind will make the data we do have access to all the more valuable. (Thomas Serfass)

34 TALVIO, TUUKKA. Antell ja Edelfelt. *Numismaattinen Aikakauslehti* 2 (1999) pp. 58-61 illus.

The friendship between the Finnish numismatist and donor H. F. Antell (1847-1893) and the painter Albert Edelfelt (1854-1905) is discussed on the basis of Edelfelt's published letters. (Author)

35 TAYLOR, BRYAN. The Eurodollar. *IBNS* 37 no. 4 (December 1998) pp. 26-32.

The author proposes that within the next ten years the euro and the dollar will be merged as a single currency. He cites the Latin Monetary Union and the Bretton Woods agreement as examples of efforts to establish universal currencies, and successful regional unions such as the Caribbean Currency Board and the Communauté Financière Africaine. He then outlines the advantages (largely economic) and disadvantages (largely political) of establishing a supranational currency, and proposes a process through which such an establishment could occur. (Joseph E. Boling)

36 VIEIRA, REJANE MARIA L. A Moeda e o Ofício de Moedeiro, Uma Longa História de Rigor e Responsabilidade [The Coin and the Craft of the

Moneyers, a Long History of Rigor and Responsibility]. *Revista Clube da Medalha* 6 no. 14 (Rio de Janeiro, First Semester 1998) pp. 3-20 illus. In Portuguese.

The author retraces the history of the Moneyers Corporations from ancient times, the Roman *Família Monetalis*, through the Middle Ages when the French king Philippe Auguste established their rights and obligations in 1211 with the *Serment de France*, followed by the *Carta Régia* (Royal Chart) of D. Dinis of Portugal in 1324. In Brazil, where the mint was established in 1694, their activity was regulated by the Portuguese *Regimento* of 1686, which contained 79 articles, many of which are commented on by the author. (Alain Costilhes)

37 VON KAENEL, HANS-MARKUS. La numismatica antica e il suo materiale. *BollNum* 25 (1995) pp. 213-23.

38 ZÄCH, BENEDIKT. Inhaltsverzeichnis [Schweizer Münzblätter] zu den Jahrgängen 43-47, 1993-1997, Nr. 169-188 (Februar 1993 bis Dezember 1997). *SM* 47 no. 188 (1997) pp. 109-21.

TECHNOLOGY AND METHODOLOGY

39 BURKHARDT, ANDREAS, WILLEM B. STERN, SUSANNE SCHMIDT and JÜRGEN KRAUT. Was leistet die chemische Analyse in der Numismatik? *Mille Fiori: Festschrift für Ludwig Berger zu seinem 65. Geburtstag. Forschungen in Augst*, 25 (August 1998) pp. 235-41 illus.

40 CANCIO, L. Repaired ancient coin dies. *NCirc* 106 (1998) p. 313 illus.

41 COJOCARU, VIOREL and DONE ȘERVĂNESCU. Analize atomice și nucleare ale unor tezaure de tetradrahme getice descoperite în Câmpia Munteniei [Atomic and nuclear analysis of some hoards of Getic tetradrachms discovered in the plain of the Muntenie]. *Pontica* 30 (1997, publ. 1998) pp. 337-50 illus. French summary.

The authors publish three tetradrachms of the hoard of Chiselet (II), imitations of those of Philip II and the mint of Arados (Price, p. 423 no. 151) and three "faithful" imitations of tetradrachms of Philip II from the hoard of Sultana, in the archaeological museum of Oltenița. They were analyzed using XRF, PIXE and PAA and showed clear differences from a posthumous coin of Philip II. The first hoard was buried around the end of the 4th century or beginning of the 3rd century B.C., the second around the middle of the 3rd century B.C. (Gh. Poenaru Bordea)

42 CRUSAFONT I SABATER, M. *Pesals monetaris de la Corona Catalanoaragonesa. Complements d'Acta Numismática* 4. Barcelona 1999. 280 pp.

43 DE ROBERTIS, ALESSANDRO. Tecniche di analisi per un problema di attribuzione. *Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina* 6 (Messina 1997) pp. 119-20.

44 FÜEG, FRANZ. Vom Umgang mit Zufall und Wahrscheinlichkeit in der numismatischen Forschung. *SNR* 76 (1997) pp. 135-60 illus.

This article presents a survey of statistical models to reconstruct the original numbers of dies in ancient coinage. The conclusions are cautious, but more optimistic than T.V. Buttrey's. (Markus Peter)

45 GRIGOROVA, VALENTINA. Kolonialbronze Münzen im Expertensystem zum Erkennen und Klassifikation. *AN* 4 no. 13 (March 1994) pp. 262-64.

The data archive of the PSAMS adopted in Bulgaria is explained in the light of examinations of Pautalia coins. (Novella Vismara)

46 GUERRA, M.F. and A. GONDONNEAU. As tecnologias de Fabrica das ligas amoedaveis a proveniencia dos metais utilizados: perspectivas abertas pelas novas técnicas de análise elementar. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 369-402.

47 JÄGGY, CHRISTOPH and DANIEL SCHMUTZ. Erkenntnisse zur Herstellung von Brakteaten um 1300: Experimenteller Nachvollzug prägetechnischer Merkmale. *SM* 48 no. 189 (1998) pp. 16-21 illus.

48 KOS, PETER. Computer program NUMIZ. *AN* 4 no.15 (September 1994) pp. 302-8.

The Coin Cabinet of the National Museum of Ljubljana's computer program NUMIZ is presented with examples of different kinds of data archives. (Novella Vismara)

49 LÖNNQVIST, KENNETH. A metallurgical and chemical analysis of the procuratorial coinage of Roman Judea. *Berliner Beiträge zur Archäometrie* 11 (1992) pp. 13-34.

In 1987-88 a total of 11 Roman provincial coins of Judaea (A.D. 6-66) and one coin of King Agrippa I (A.D. 42/43) were analyzed chemically and metallographically. The results show that different copper alloys were used for different minting periods and that this division is chronologically significant. Signs of debasement of the provincial coinage were observed with very high amounts of lead present in the copper alloy. It was also observed that the Judaeian mint used a unique tin-bronze alloy for the coinage of the mint of Antioch. (Author)

50 PELLICER I BRU, J. *Repertorio paramétrico metrológico medieval de los reinos hispánicos*. Col Vives y Escudero 10. Barcelona 1999. 252 pp.

51 PUIN, ELISABETH. Beobachtungen an den Silbermünzen des Mamlukensultans Aynāl (857/1453-865/1461), mit Berichtigungen und Ergänzungen zu Balog. Münzzeichnungen und ihre Möglichkeiten. *JNG* 47 (1997) pp. 117-166.

With a recently developed method, it is now possible to reconstruct the designs of even very small or very flatly struck coins. Especially with coins bearing only legends, this method has an advantage, since a most exact reproduction of the letters is desired, and those irritations that result from the flowing light and shadow of photography can be avoided. Furthermore, this method allows the reconstruction of dies, and consequently improved work on die linkage. (Gerd Stumpf)

52 SERAFIN, PATRIZIA. Sullo "stato di conservazione" delle monete. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 131-36 illus.

The level of wear can furnish valuable information on the length of circulation of coinage. The alteration of the surface of a specimen, according to the author, could be caused by various factors such as general, localized or selective corrosion. It is necessary to provide a correct evaluation of the state of conservation of a coin when cataloguing it. (A. Carignani)

53 STUMPF, GERD. MultiCoin—The Munich Image Database. *AN* 4 no. 16 (December 1994) pp. 331-38.

The Munich Coin Cabinet's computer program MultiCoin is presented with examples of different kinds of data archives. (Novella Vismara)

54 TOMOV, T. VALENTIN, T. ALEXANDER GRIGOROV and D. IVAILO VAKARELOV. PSAMS—A Program System for Archiving Coins and Coin Treasures. *AN* 4 no. 13 (March 1994) pp. 258-61.

The data archive of PSAMS program in Bulgaria is presented.

(Novella Vismara)

For additional references to Technology and Methodology, see the following abstract:

Greek, no. 78.

GREEK

55 ACQUARO, ENRICO. Monete puniche del Cuneese. *AN* 4 no. 16 (December 1994) pp. 342-44 illus.

The author publishes two Carthaginian bronze coins found in Borgo San Dalmazzo, near Cuneo, currently in the Civico Museo. (Novella Vismara)

56 ACQUARO, ENRICO. Pànormos – şyš. *AN* 8 no. 32 (December 1998) p. 739.

The author discusses the attribution of the şyš coinage to Panormos. (Rodolfo Martini)

57 ALRAM, MICHAEL. Stand und Aufgaben der arsakidischen Numismatik. J. Wiesehöfer, ed., *Das Partherreich und seine Zeugnisse. Historia Einzelschriften* 122 (Stuttgart, Steiner 1998) pp. 365-87 illus.

The current status of research on Parthian coins and desiderata for future investigations are sketched by the author. (Hans R. Baldus)

58 AREVALO, A., C. MARCOS *et al.* El origen votivo del tesoro de Salvacañete. *Actas: Los Iberos. Estructura de poder en la sociedad ibérica* (Barcelona 1998) pp. 255-63.

59 ARIEL, D.T. Hasmonean Coins Found in the Cave of the Warrior. T. Schick, *The Cave of the Warrior, a 4th Millennium Burial in the Judean Desert, IAA Reports* 5 (Jerusalem 1998) pp. 131-37 illus.

Nine coins of Antigonus Mattathias, 40-37 B.C., were found in this cave, pointing to its use about 2000 years after the burial which is the main subject of the book. Four coins are of the type of *BMC* 2 et seq. and five of the half denomination *BMC* 35 et seq. (Arnold Spaer)

60 ARSLAN, ERMANNO. Tipo inedito in *Æ* della zecca di Crotona dell'epoca di Annibale. *AN* 4 no. 16 (December 1994) pp. 326-30 illus.

The author presents a new bronze coin type, bust of Artemis r. / dog r., attributed to the Croton mint in the Hannibalic period.
(*Novella Vismara*)

61 ARSLAN, ERMANNO. Uno statere d'oro dalla Georgia a Vercelli e un incidente di percorso. *AN* 7 no. 27 (September 1997) pp. 607-9.

The author has updated the discussion of a Celtic stater from Vercelli.
(*Rodolfo Martini*)

62 ARSLAN, ERMANNO. Presenze monetali preromane e romane provinciali in Lombardia. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 103-8.

The author reviews finds of Greek, Celtic and colonial Roman coinage found in Lombardy.
(*A. Carignani*)

63 ARSLAN, MELIH, CHRIS LIGHTFOOT and CIHAN TIBET. A group of unknown coins in the Antalya Museum. *NCirc* 106 (1998) pp.7-8 illus.

Five bronze coins of the late 1st century B.C. or early 1st century A.D. acquired by the Antalya Museum are the first recorded coins of a Lycian city called Kitannaura.
(*Martin Allen*)

64 ASHTON, R.H.J. The pseudo-Rhodian drachms of Kos. *NC* 158 (1998) pp. 223-28 illus.

65 ASHTON, RICHARD, ANDREW MEADOWS, KENNETH SHEEDY and UTE WARTENBERG. Some Greek coins in the British Museum. *NC* 158 (1998) pp. 37-51 illus.

66 BARELLO, FEDERICO. Dialettica tra moneta straniera e moneta locale a Locri Epizefirii. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 81-89 illus.

The case of Locri Epizephyrii is analyzed in the sphere of relations between foreign coinage and local issues. For two centuries between the middle of the 6th and the middle of the 4th B.C., foreign coinage was used exclusively. Following the first issues of the local mint, there was a coexistence and confrontation with the issues of nearby cities. From the 3rd century on, there was a progressive, and finally exclusive, dominance of Roman coinage.
(*A. Carignani*)

- 67** BERTONE, AURELIANO. Ai margini dell'economia monetaria. Le monete celtiche nella provincia di Cuneo. *Quaderni Museo "G.B. Adriani"* 2 (Cherasco 1998) pp. 3-13 illus.

Based on examination of coin circulation in the southern Piedmont between the 3rd and 2nd centuries B.C., the author notes a substantial absence of a coin economy in the period that precedes Romanization of the region. (A. Carignani)

- 68** BEZUGLOV, SERGEJ I. Die Münzfunde aus den Ausgrabungen der deutsch-russischen Expedition in Tanais 1993-1996. *Eurasia Antiqua* 4 (1998) pp. 425-49 illus.

The author illustrates and comments on the coins (111 plus 10), found during the excavations at Tanais/Don (Russia): mainly bronzes of the Bosporan kingdom (1 gold: no. 114). Among other ones may be noted a specimen from Panticapaeum (no. 29) and two 4th century A.D. Roman ones (nos. 89 and 103). (Hans R. Baldus)

- 69** BLANCO, J.M. and J. A. SAEZ BOLAÑO. A propósito de un divisor de Arse/Sagunto. *GacNum* 131 (1998) pp. 7-10.

- 70** BOEHRINGER, CHRISTOF. Tradizioni ed innovazioni economico-monetali del greci dell'Occidente, viste da oggi. *Eredità della Magna Grecia, Atti del XXXV Convegno di Studi sulla Magna Grecia, Taranto 1995* (Taranto 1996) pp. 117-32 illus.

The author addresses two themes in the coinage of southern Italy and Sicily: first, the role of the mints of Sicily and Magna Graecia in the origin of bronze coinage and the valuation of the first issues, and second, the characteristics of silver coinage of Campania at the end of the 5th century B.C. (A. Carnignani)

- 71** BOEHRINGER, CHRISTOF. Konkordanz und Nachtrag zum Münzfund von Selinunte 1923 (*ICGH* 2084). *SNR* 76 (1997) pp. 5-19 illus.

- 72** BONAČIĆ-MANDINIĆ, MAJA. Novac Korkire Melaine u Arheološkom muzeju u Splitu [Coin of Corcyra Nigra in the Archaeological Museum in Split]. *Vjesnik za arheologiju i historiju dalmatisku* 86 (1994) pp. 261-66 illus. Italian summary.

The author describes the fifth and latest identified example of this extremely rare (and disputed) coinage. She briefly examines the question of its origin, evidently in a 3rd-century revival by Issan settlers of the vanished Cnidus colony of Corcyra Nigra, a revived settlement which tried to mint its own coins but produced only a small trial emission. (Charles B. Smith, Jr.)

- 73** BOPEARACHCHI, OSMUND. Indo-Parthians. J. Wiesehöfer, ed., *Das Partherreich und seine Zeugnisse. Historia Einzelschriften* 122 (Stuttgart, Steiner 1998) pp. 389-406 illus.

The author surveys the coins of those Parthians who reigned over India.

(Hans R. Baldus)

- 74** BREM, HANSJÖRG. Potinmünzen in der Ostschweiz: Versuch einer Zusammenstellung. *Gallia* 52 (1995) pp. 79-85 illus.

This is a summary of finds and circulation areas of Celtic potin coins found in eastern Switzerland. The distribution patterns show that there are mainly two types represented ('Zürcher Typ' and Sequani); for the 'Zürcher Typ' the question of local production is raised.

(Benedikt Zäch)

- 75** BRENOT, CLAUDE. A propos des monnaies à légendes lépontiennes de Transalpine. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 23-37 illus.

- 76** BRUNŠMID, JOSIP. *Natpisi i novac grčkih gradova u Dalmaciji [Inscriptions and coins of Greek cities in Dalmatia]*. Split, Književni Krug 1998. 98 pp. illus. ISBN 953-163-113-1.

This is a Croatian translation by Maja Bonačić-Mandinić (Split Archaeological Museum) of the now rare basic work on the coins of the Greek colonies of the eastern Adriatic, *Die Inschriften und Münzen der Griechischen Städte Dalmatiens* (Vienna 1898), including the original plates.

(Charles B. Smith, Jr.)

- 77** BURKHARDT, ANDREAS, WILLEM B. STERN and GUIDO HELMIG. *Keltische Münzen aus Basel. Numismatische und metall-analytische Untersuchungen. Antiqua* 25. Basel 1994. 434 pp. illus.

- 78** BURKHARDT, ANDREAS. *Quantitative Methoden zur keltischen Numismatik am Beispiel der Münzfunde aus latènezeitlichen Siedlungen der Oberrheinregion*. Bern 1998. 108 pp. illus.

- 79** CACCAMO CALTABIANO, MARIA. I rinvenimenti monetali: Monte Saraceno sede di Xenoi? A. Calderone, *Monte Saraceno di Ravanusa. Un ventennio di ricerche e studi* (Sicania, Messina 1996) pp. 183-93 illus.

The finds include coins of Akragas from the second half of the 5th century B.C. and Syracusan coins from the first half of the 4th century B.C.

(A. Carignani)

80 CACCAMO CALTABIANO, MARIA, B. CARROCCIO and EMILIA OTERI. *Siracusa ellenistica. Le monete regali di Ierone II, della sua famiglia e dei Siracusani*. Messina 1997. 256 pp. illus.

The primary role played by Syracuse in the context of the economy and politics of the Mediterranean in the 3rd century B.C. emerges from the study of the coinage of Hieron II.
(A. Carignani)

81 CACCAMO CALTABIANO, MARIA. Berenice II. Il ruolo di una basilissa rivelato dalla sue monete. E. Catani and S.M. Marengo, eds., *La Cirenaica in età antica, Atti del Convegno Internazionale di Studi, Macerata 1995* (Macerata 1998) pp. 97-112.

82 CALCIATI, ROMOLO. Entella: bronzi inediti e rari dal 404 a.C. circa al periodo romano. *AN* 3 no. 10 (June 1993) pp. 202-7 illus.

Previously unknown or rare bronze coins of Entella (9 coins) are published.
(Novella Vismara)

83 CALCIATI, ROMOLO. *Himera: le prime serie bronzee con Gorgoneion alla luce di recenti acquisizioni*. *AN* 4 no. 16 suppl. 4 (December 1994). 24 pp. illus.

The author briefly discusses the coin types of Himera's first series and presents two new coins, along with a discussion of chronological devices of the first coinage of the Sicilian mint.
(Novella Vismara)

84 CARRADICE, IAN. Two Achaemenid hoards. *NC* 158 (1998) pp. 1-23 illus.

This is a die study of two relatively recent hoards that make important contributions to the chronology of the Achaemenid silver coinage. Hoard A includes 154 coins from Croesids to sigloi of archer type IIIa (with 16 type IIIb and IV sigloi regarded as intrusive). Hoard B includes 133 sigloi of archer types IIIa and IIIb.

(Author)

85 CASTRIZIO, DANIELE. *La korinthie kyné nelle emissioni monetali e nella statuaria di età classica*. *NumAntClas* 27 (1998) pp. 83-104 illus.

86 CHINER, P., M. LOPEZ PIÑOL and M. GOZALBES. *Perduraciones y contextos tardios de los hallazgos monetarios procedentes del solar del Romeu (Sagunto, Valencia)*. *Sagunto* 31 (1998) pp. 233-39.

- 87** COTTAM, G.L. An overstruck silver unit of Verica. *BNJ* 67 (1997) pp. 95-97 illus.

The first evidence for inscribed British Celtic coins being overstruck in antiquity has recently been identified on a silver unit of Verica. The order in which two of Verica's coins were struck on this coin confirms the sequence proposed for these issues. The existence of such a coin suggests a greater sophistication in the use of Iron Age coinage than previously suspected. (Author)

- 88** CUDDEFORD, MICHAEL J. A Tasciovanus quarter stater. *NCirc* 106 (1998) p. 7 illus.

- 89** CURTIS, VESTA SARKOSH. The Parthian Costume and Headdress. J. Wiesehöfer, ed., *Das Partherreich und seine Zeugnisse. Historia Einzelschriften* 122 (Stuttgart, Steiner 1998) pp. 61-73 illus.

A series of obv. and rev. of Parthian coins illustrates the paper. (Hans R. Baldus)

- 90** CUTRONI TUSA, ALDINA. La monetazione punica: annotazioni stilistico-iconografiche. G. Capecchi *et al.*, eds. *In memoria di Enrico Paribeni* (Rome, G. Bretschneider 1998) pp. 127-32 illus.

- 91** DANICA, RAZMOSKA-BAČOVA. Edna moneta na Gentius od Ohrid [A coin of Gentius from Ohrid]. *Macedonian Numismatic Journal* 1 (1994) pp. 63-69 illus. English summary.

The bronze coin, attributed to the Skodra mint, has on the obverse a male bust right wearing a cap resembling the petasos, and on the reverse ΓΕΝΘΙΟΥ and a Liburnian galley. The author summarizes the findings of A.J. Evans, Josip Brunšmid, Dujce Rendić-Miočević, H. Ceka, S. Islami and B. Jubani on issues of Scodra, Lissos and the Labeatae under the Illyrian Kingdom, with particular attention to interpretations of the obverse depiction as Hermes (Evans/Brunšmid), an Illyrian hero (Ceka), or a portrait of Genthios himself (Islami/Rendić-Miočević).

(Charles B. Smith, Jr.)

- 92** DE JERSEY, PHILIP and JOHN NEWMAN. Iron Age coins from Barham, Suffolk. *BNJ* 67 (1997) pp. 93-95 illus.

Eight coins found in a field near Barham, possibly forming part of a scattered hoard, are described. Seven of the coins are of the Bury series, traditionally thought to be an early silver issue of the Iceni; the article considers the distribution of this type. The eighth coin is a gold quarter stater, probably of north Thames origin.

(Authors)

93 DEMBSKI, GÜNTHER. *Münzen der Kelten. Sammlungen des Kunsthistorischen Museums. Kunsthistorisches Museum Wien. Münzkabinett. Kataloge der antiken Münzen Reihe A: Griechen. II. Massalia und Keltenstämme herausgegeben von Wilfried Siepel, Band 1.* Milan/ Vienna 1998. 137 pp. illus.

The catalogue contains 1589 coins, including 27 modern imitations. (Author)

94 DIAS MARQUES, M.S. A moeda de oficina hispânica de Osset na coleção do Museu de Evora. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 9-20.

95 DIMITROV, KAMEN. Hoard of Hellenistic bronze coins from Mesambria Pontica in the depository of the National Archaeological Museum in Sofia (IGCH 884). *Thracia 11, Studia in honorem Alexandri Fo* (Sofia 1995) pp. 409-18 illus.

A part of the IGCH 884 hoard, containing originally over 500 bronze coins of Mesambria Pontica, is published. It consists of 24 specimens of 2 types—"Athena Alcis" and "helmet in profile" late issues of that city coinage. (Ilya Prokopov)

96 DIMITROV, KAMEN. *CH IV 28 et la chronologie des monnaies d'argent d'Histria au 4^e siècle av. J.-C.* Ulrike Peter, ed. *Stephanos nomismatikos. Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 215-20 illus.

97 DIMITROV, KAMEN. Bronzova moneta na odriskija tzar Sevt II. [Bronze coin of the Odrysian king Seuthes II]. *Annuaire du Musée Archéologique—Plovdiv 9* (Plovdiv 1999) pp. 175-80 illus.

98 DRAGANOV, DIMITAR. Neizvesten bronzov moneten tip na Dionysopolis [New bronze coin type of Dionysopolis]. *Numismatica et Sphragistika 4* (1995-97) pp. 54-56 illus.

99 DRAGANOV, DIMITAR. New Coin Types of Hadrianopolis. Ulrike Peter, ed. *Stephanos nomismatikos. Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 221-26 illus.

100 DZANEV, GEORGI, ed. Moneti ot Rusenskija kraj [Coin circulation in the Russe district in Antiquity and Middle Ages]. Russe, KUZ Publishers 1998. 128 pp. illus.

A collection of 5 articles by different authors devoted to the ancient and mediaeval coins circulated and found in the Russe region of northeastern Bulgaria is published. 175 Greek, Macedonian, Thracian, Roman Republican and Imperial, Byzantine, Bulgarian and Turkish coins in bronze, copper, silver and gold are illustrated. *(Ilya Prokopov)*

101 EHLING, KAY. Zu einer Bronzemünze des Alexander II. Zabinas. *SM* 46 no. 183 (1996) pp. 85-89 illus.

102 EHLING, KAY. Eine seleukidische Münzstätte in Areia (Artakoana / Alexandraia). Zu E.T. Newell *ESM* Nr. 727-745. *SNR* 76 (1997) pp. 29-38 illus.

103 EHLING, KAY. Überlegungen zur Herkunft und Bedeutung des Helms auf den Münzen Antiochos' VI. und Tryphons. *JNG* 47 (1997) pp. 21-28.

The helmet, decorated with the horn of an ibex on coins of Antiochus VI and Tryphon, may have had its origins in Cretan or Aegean helmets. This special headgear may have been the emblem of those Cretan or Aegean mercenaries who first fought for Demetrius II and then deserted to Antiochus VI and Tryphon. *(Author)*

104 EHLING, KAY. Zur Datierung des Gold und Silbergeld, verbots in Sparta. *JNG* 47 (1997) pp. 13-20.

The author uses three arguments to show that the so-called prohibition of gold and silver coinage in Sparta cannot be connected with the end of the Peloponnesian War in 404 B.C. This "Lycurgian prohibition" probably can be dated into the span between 550 and 520 B.C. *(Author)*

105 EHLING, KAY. Wann beginnt die Eigenmünzung Odovacars? *SM* 48 no. 190 (1998) pp. 33-37 illus.

106 EICHLER, ERNST. Eine Partie von Drachmen des Sasanidenherrschers Chusraw II. (591-628). *MÖNG* 38 no. 2 (1998) pp. 35-39 illus.

The author publishes part of a hoard of Sasanid drachms of Chusraw II.

(Michael Alram)

107 ELAYI, JOSETTE and ALAIN GERARD ELAYI. La dernière série tyrienne en bronze aux types civiques. *NumAntClas* 27 (1998) pp. 129-39 illus.

The authors identify a coin type of the mint of Tyre bearing a dolphin, left, and a conch on the obverse and a lion's head on the reverse. It belongs to the last bronze series of the mint before the Alexandrian conquest of 333-332 B.C. (A. Carignani)

108 FEA, GIORGIO. Presenze numismatiche preromane nel Piemonte meridionale. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 109-30 illus.

The region between the Maritime Alps and the Po is the site of this research, which attempts to reconstruct the development of coinage prior to the arrival of Roman issues. Individual finds and hoards of drachms of the Po region, Celtic and Greek coins are reviewed and discussed. (A. Carignani)

109 FONTENLA BALLESTA, S. Juego de ponderales púnicos de plomo. *GacNum* 132 (1999) pp. 3-8.

110 FORABOSCHI, DANIELE. Economia reale e riflessione teorica. Salvatore Settis, ed., *I Greci. Storia, cultura, arte, società. 2. Una storia greca. III. Trasformazioni* (Turin, Einaudi 1998) pp. 665-80.

This work briefly covers some aspects of the economy in the Hellenistic period. (A. Carignani)

111 FREY-KUPPER, SUSANNE. Roma, Museo Nazionale Romano. Monete dal Tevere. I "rinvenimenti greci." Catalogo. *BollNum* 25 (1995) pp. 33-73 illus.

The author publishes 122 coins struck by mints of Greek cities, found in the Tiber between 1877 and 1890 during construction of the river's embankments. The examination of the pieces, now in the Museo Nazionale Romano, reveals a concentration of coins from mints of Paestum, Panormos, Syracuse and Kos, a circumstance that supports the existence of some hoards whose composition has since been lost. (A. Carignani)

112 GANDOLFO, LUCINA. Monete. *Palermo punica. Catalogo della mostra, Palermo 1995-1996* (Palermo 1998) pp. 348-59 illus.

The catalogue includes the main issues of the Punic mint of Panormos from 430 B.C. to the Roman conquest of Sicily. (A. Carignani)

113 GARCIA-BELLIDO, M.P. and C. BLAZQUES. Las monedas de Salvacañete (Cuenca) y su significado en el tesoro. *ArchEspArq* 71 (1998) pp. 249-55.

114 GEISER, ANNE. Distribution des monnaies padanes au Grand-Saint-Bernard et en Suisse occidentale: un premier complément sur la base de trouvailles anciennes et récentes. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 91-101 illus.

The author traces the steps in the penetration of coinage of the Po region through an examination of the distribution of finds. The presence of these issues ranges from the end of the 2nd century B.C. to some residual finds of the 1st century A.D.

(A. Carignani)

115 GÖBL, ROBERT. Der norisch-keltische Münzfund von Malta/Koschach 1997. *Carinthia* 188 (1998) pp. 69-86 illus.

In 1997 a hoard of 60 Celtic tetradrachms was discovered. All of the coins belong to the early types (TINCO, COPO). A few pieces bear completely new, previously unpublished types.

(Günther Dembski)

116 GÖKYLDIRIM, TURAN. A Bronze Coin of Perinthus with a Magistrate: "TIPOKA." *AN* 5 no. 20 (December 1995) pp. 437-38 illus.

A new autonomous bronze coin of Perinthus from the excavations at Çanakça (Turkey) is published.

(Novella Vismara)

117 GORINI, GIOVANNI. La penetrazione della moneta greca in Italia settentrionale. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 71-79 illus.

The author examines the presence of Greek issues between the 6th and 1st centuries B.C. in northern Italy. He analyzes the various chronological phases of penetration, the motives and the causes for the diffusion and localization of finds.

(A. Carignani)

118 GOZALBES, M. Los hallazgos numismáticos de una necrópolis de Valentia (Calle Virgen de la Misericordia). *Anales de Arqueologia Cordobesa* 8 (1997) pp. 197-212.

119 GUIDO, FRANCESCO. *Monete puniche e della Sardegna romana nei Civici Musei di Brescia.* *AN* 5 no. 17 suppl. 5 (March 1995). 20 pp. illus.

120 GUIDO, FRANCESCO. *Monete dell'Egitto tolemaico nei Civici Musei di Brescia. Parte I (nn. 1-48).* *AN* 6 no. 24 suppl. 8. 24 pp. illus.

The author present 53 Ptolemaic bronze coins from Ptolemy VI to Cleopatra VII, plus some uncertain coins. (Novella Vismara)

121 GUIDO, FRANCESCO. Florinas (Sassari), località "Giorrè." Rinvenimento monetale. *AN* 7 no. 26 (June 1997) pp. 581-83.

The author presents an unpublished hoard of Punic bronze coins from Sardinia. (Rodolfo Martini)

122 HAZZARD, R.A. A review of the Cyprus hoard, 1982. *NC* 158 (1998) pp. 25-36 illus.

The hoard consisted of twenty seven Ptolemaic silver coins, eleven of them of smaller value than the tetradrachm. The Cypriots, it reveals, used tetradrachms, didrachms, drachms, triobols and perhaps obols in the early second century B.C. Alexandria also struck drachms, diobols and obols during the same period. (Author)

123 HILDEBRANDT, HANS JOACHIM. Standard Weight of Ancient Coins—The Exact Calculation. *JNG* 47 (1997) pp. 7-12.

The method of calculating the standard weights of coins struck *al marco* and *al pezzo* is explained, using as examples the silver coinage of Syracuse and the bronze coinage of Rome. (Gerd Stumpf)

124 HOUGHTON, A. and ARNOLD SPAER, with CATHARINE LORBER. *The Arnold Spaer Collection of Seleucid Coins. SNG Israel I.* London 1998. 390 pp. illus.

125 HRISTOV, IVAN. Kolektivna nahodka s bronzovi moneti na Filip II Makedonski i Alexander III Veliki ot s. Gorno Trape, Trojanska obshtina [Hoard of bronze coins of Philip II of Macedon and Alexander III the Great from Gorno Trape village, Troyan region]. *Studia Numismatica* 3 no. 1-2 (1998, publ. 1999) pp. 5-14.

A new hoard, found in 1995 near the Haemus pass in northern Bulgaria and containing 109 bronze coins, is published. It consists of 69 specimens of Philip II of Macedon and 40 of Alexander III the Great. (Ilya Prokopov)

126 ILIESCU, OCTAVIAN. Sur un pseudo-lysimaque frappé à Tomis. *NumAntClas* 27 (1998) pp. 151-60 illus.

Publishing a gold stater of the mint of Tomis (now in the National Bank of Romania) with an obverse of the deified Alexander the Great and a reverse legend "Lysimachou," the author addresses the problem of the chronology of this coin, one of the so-called pseudo-Lysimachi, struck by the Pontic city of Tomis between 150 and 50 B.C. (A. Carignani)

127 JOSIFOVSKI, PERO. Zbiren naod na docnehelenistički moneti od Bašino selo [A find of late Hellenistic coins from Bašino village]. *Macedonian Numismatic Journal* 1 (1994) pp. 57-62 illus. English summary.

Described is a 1992 find of 12 bronze coins and a silver tetrobol of Philip V and Perseus of Macedonia. Discovered at the late Hellenistic site Otovičko kale, a few kilometers north of Veles, the coins were in a tiny lead vessel with the inscription ΦΙΛΙΣΚΟΥ and a depiction of a scorpion. (Charles B. Smith, Jr.)

128 KARAYOTOV, IVAN. *The Coinage of Mesambria. Vol. I: Silver and Gold Coins of Mesambria.* Thracia Pontica series 6, Thracia maritima. Corpus nummorum. Sozopol-Veliko Turnovo Abagar 1994. 134 pp. illus.

129 KARAYOTOV, IVAN. Le monnayage d'Apollonia à la lumière des découvertes plus récentes. *Thracia* 11, *Studia in honorem Alexandri Fo* (1995) pp. 397-408 illus.

The article proposes a brief account of the coinage of Apollonia Pontica. Some new types of silver coins, offered at auction, are discussed and a full catalogue of 29 specimens is included. (Ilya Prokopov)

130 KARAYOTOV, IVAN. Zalezat na Mesambrijskoto avtonomno monetosechene [The decline of the autonomous coinage of Messambria Pontica]. *Numismatica et Sphragistika* 4 (1995-97) pp. 42-53 illus.

The author publishes a few bronze coins of Mesambria Pontica of the type "Dionysos head - vine grape" influenced by Mithridates VI Eupathor and dated to 90-20 B.C. In the last period of autonomous coinage the city countermarked foreign bronze coins with "helmet in profile," "Demeter without crown," "Demeter crowned," and "grape vine" until the time of Augustus. (Ilya Prokopov)

131 KELLER, DANIEL. Gedanken zur Datierung und Verwendung der Statere Philipps II. und ihrer keltischen Imitationen. *SNR* 75 (1996) pp. 101-17 illus.

132 KINDLER, ARIE. "Hezi" and "Revia" on the bronze coins of the Jewish War (66-70 A.D.). *AN* 4 no. 14 (June 1994) pp. 282-87 illus.

The author fully discusses the meaning of the legends "Hezi" (half) and "Revia" (quarter) on Jewish War coinage. (Novella Vismara)

133 KINDLER, ARIE. Four silver drachms and one obol of the city of Ashdod, Israel, from the Persian period. *AN* 5 no. 19 (September 1995) pp. 411-15 illus.

The author presents five rare or unpublished Ahsdod coin types; four are from the Kadman Numismatic Museum and one at the American Numismatic Society.

(Novella Vismara)

134 KLONER, A., A. ERLICH and S. WETSTONE. Maresha, the Lower City. *Hadashot Arch* 108 (1998) pp. 159-61. In Hebrew.

Excavations at this site about 30 km. southeast of Ascalon yielded *inter alia* a coin of Ptolemy III, two of Antiochus IV and one of Alexander Balas. (Arnold Spaer)

135 KOS, PETER. *Leksikon antičke numizmatike s poudarkom na prostoru jugozhodnih Alp in Balkana [Lexicon of ancient numismatics with emphasis on the area of the Southwest Alps and Balkans]*. Ljubljana 1997. 385 pp. illus. ISBN 961-6169-06-8.

This is an extensively illustrated listing of mints, fiscal, monetary and minting terms, and political units including Illyrian and Celtic tribes, Greek colonies, etc., concentrating on the territory of the former Socialist Federal Republic of Yugoslavia and surrounding territory, with maps and bibliographical references.

(Charles B. Smith, Jr.)

136 KOSMETATOU, ELISABETH. The hero Solymos on the coinage of Termessos Major. *SNR* 76 (1997) pp. 41-56 illus.

137 KOSMETATOU, ELISABETH. The coinage of Lycian Termesson pros Oinoandois. *NumAntClass* 27 (1998) pp. 161-83 illus.

Based on 135 bronze coins, the author identifies 15 series between the 1st century B.C. and the Tiberian epoch.

(A. Carignani)

138 KRETZ, RAINER. The early gold staters of Tasciovanus—a re-appraisal of the first series. *NCirc* 106 (1998) pp. 2-7 illus.

139 KUSHNIR-STEIN, A. The Predecessor of Caesarea: On the Identification of Demetrias in South Phoenicia. J.H. Humphrey, ed., *The Roman and Byzantine Near East: Recent Archaeological Research*, *JRA Supplementary Series* 14 (Ann Arbor, MI 1995) pp. 9-14.

The location of the south Phoenician coastal city of Demetrias is unknown, although its existence in the 2nd-1st centuries B.C. is attested by coins and an inscribed lead weight. The author publishes several new coins of Demetrias and proposes to identify it with Strato's Tower, the Hellenistic city rebuilt by Herod the Great as Caesarea.

(Author)

140 LAPP, N., ed. *The excavations at Araq El Emir. Annual of ASOR* 47. ASOR 1983. 156 pp. illus.

Chapter 1 (pp. 13-20) treats the coins. During the excavation of this site west of Amman, 23 identifiable coins covering the period from Ptolemy II to the British Mandate were found. They include three coins of Aretas IV. The coins are catalogued and illustrated on two plates. (Arnold Spaer)

141 LEVINSCHI, ALEXANDRU. Un tezaur monetar de la Stolniceni (considerații preliminare) [A coin hoard from Stolniceni (preliminary considerations)]. *Tyrageția* 4-5 (Chișinău, Muzeul National de Istorie a Moldovei 1997) pp. 319-24 illus.

In 1996 a hoard of silver coins was discovered in the village of Stolniceni in Hâncești, about 300 m. east of a Getic citadel. The Museum of National History of Moldavia at Chișinău contains 12 drachms of Istros and 4 tetradrachms, imitations of issues of Philip II, which bear deep cuts on the reverse. After a discussion of the chronology of the silver coins of Istros, the author considers the hoard in relation to the Getic complexes of the 4th century to the first half of the 3rd century B.C.

(Gh. Poenaru Bordea)

142 LEYPOLD, FRANZ. Nochmals zum Problem "Zentrierloch." *MÖNG* 37 (1998) pp. 87-88 illus.

143 LILČIĆ, VIKTOR. Srebren diobol na pajonskiot vladatel TEYTAO(Σ) [A silver diabol of the Paeonian ruler TEYTAO(Σ)]. *Macedonian numismatic journal* 1 (1994) pp. 27-37 illus. English summary.

The author analyzes a silver diabol found in 1992 at the Paeonian fortified site "Markova kula" near Demir Kapija, FYRO Macedonia. The coin bears on the obverse a bull right, and on the reverse TEY – TAO and a kantharos in an incuse square (weight: 1.13 gms., diameter 12.8 mm). On the basis of style and find location, the coin is assigned to a previously-unknown Paeonian ruler about the third quarter of the fifth century B.C. (Charles B. Smith, Jr.)

144 LLORENS, M. DEL MAR and P.P. RIPOLLES. *Les encunyacions ibèriques de Lauro. Estudis de Granollers i del Vallès Oriental* 7. Granollers 1998. 160 pp.

145 LORBER, CATHARINE C. and FRANK L. KOVACS. A Ptolemaic mint at Soli: A tale of two magistrates. *SM* 47 no. 187 (1997) pp. 92-99 illus.

146 MACDONALD, DAVID. A New Athenian Intercalary Tetradrachm. *SM* 48 no. 192 (1998) pp. 85-90 illus.

147 MALEK, HODGE MEHDI and VESTA SARKHOSH CURTIS. History and coinage of the Sasanian Queen Boran (AD 629-631). *NC* 158 (1998) pp. 113-29 illus.

The coinage of Queen Boran is considered in the context of the historical sources for her reign. Fifteen mint signatures are identified as well as legends and metrology. The article continues an earlier study of the coinage of Kavad II (AD 628) in *NC* 155 (1995), pp. 119-129. (Authors)

148 MANFREDI, LORENZA-ILIA. Tharros (Oristano), Scavi 1995-1996. *BollNum* 25 (1995) pp. 272-76 illus.

The author publishes 19 bronze coins from excavations at Tharros on Sardinia. They include coins struck at Carthage (4th century B.C.), Sardinian mints (3rd century B.C.) and Rome (3rd century B.C. to Hadrian). (A. Carignani)

149 MARENGO, SILVIA MARIA and GIANFRANCO PACI. Nuovi frammenti dei conti dei damiurghi. E. Catani and S.M. Marengo, ed., *La Cirenaica in età antica, Atti del Convegno Internazionale di Studi, Macerata 1995* (Macerata 1998) pp. 373-92 illus.

150 MASTELLONI, MARIA AMALIA. Alcune monete cartaginesi. *Enrico Pirajno di Madralisca. Umanità scienza e cultura in una grande collezione siciliana, Catalogo della mostra, Venezia 1997* (Palermo 1997) pp. 86-94 illus.

The author comments on 86 coins of Carthage and the Punic mints of Sicily in this collection. (A. Carignani)

151 MASTELLONI, MARIA AMALIA. Crotone e Messina: rapporti ed influssi. *Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina* 6 (Messina 1997) pp. 47-60 illus.

Issues of Messina are abundant in the territory of Croton. The author describes and explores the exchanges and influences visible through the iconography of coins of Croton. (A. Carignani)

152 MASTELLONI, MARIA AMALIA. Le monete coniate da Lipàra e le Tavole. *Enrico Pirajno di Madralisca. Umanità scienza e cultura in una grande collezione siciliana, Catalogo della mostra, Venezia 1997* (Palermo 1997) pp. 78-85 illus.

The author publishes ca. 250 examples from the mint of Lipara from the collection of Pirajno di Madralisca. (A. Carignani)

153 MASTELLONI, MARIA AMALIA. Rinvenimenti monetali. Nota introduttiva. *Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina* 6 (Messina 1997) pp. 9-42 illus.

The author publishes finds of ancient coins at Messina and its territory, based on archival material. (A. Carignani)

154 MASTELLONI, MARIA A. Appendice I. Le monete. L. Bernabò Brea, M. Cavalier, *Meligunis Liàra IX. Topografia di Lipari in età greca e romana. Parte II. La città bassa* (Palermo 1998) pp. 335-51 illus.

The finds include about 100 coins, of which 16 are local issues ranging from the 4th century B.C. to the 5th century A.D. (A. Carignani)

155 MATTINGLY, HAROLD B. The second century BC Seleucid countermarks: anchor and facing Helios head. *NumAntClass* 27 (1998) pp. 237-43 illus.

The author advances a new hypothesis about these countermarks on some coins of Side, Perge and Aspendos from the 2nd century B.C. He considers them symbols of the authority and power of Demetrius I at the moment at which, coming from Lycia, he arrived at Tripolis in Syria (162 B.C.) with a mercenary army and looking for new recruits. (A. Carignani)

156 MEDAS, STEFANO. La prua di nave sulle monete di Asdrubale. *AN* 3 no. 10 (June 1993) pp. 194-98 illus.

The author discusses the prow coin type in Greek coinage linked with the political program of Hasdrubal in Spain. (Novella Vismara)

157 MENDOZA FRAZAO, M. Noticia acerca de una moneda "ketovion" com inscriçao no reverso en escritura tartéssica. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 5-8.

158 MESHORER, Y. Musical Instruments on Coins of Palestine. *Tazlil Forum for Music Research and Bibliography* 5 (Haifa, The Emily Museum and Library for Music 1971) pp. 140-43 illus. In Hebrew.

The author describes coins of Ake and Paneas and Jewish coins depicting musical instruments. (Arnold Spaer)

159 MESHORER, Y. Hasmonean Coins. *The Days of the Hasmonean Dynasty* (Yad Ben Zvi 1995) pp. 197-209 illus. In Hebrew.

This is an illustrated survey of the 2nd-1st century B.C. series. (Arnold Spaer)

160 MIHĂILESCU-BÎRLIBA, VIRGIL. Câteva remarci privind cronologia monetăria geto-dacice. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 71-75. A Few Remarks about the Chronology of Geto-Dacian Coinage. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 71-75.

161 MIRNIK, IVAN. A Contribution to the Study of the Circulation of the Drachms of Apollonia and Dyrrhachium in Southern Pannonia Plain. *AN* 6 no. 24 (December 1996) pp. 526-29.

The author lists some hoards from the former Yugoslavia which contain drachms of Apollonia and Dyrrhachium. (Novella Vismara)

162 NERI, DIANA. *Aspetti premonetali e monetali nell'Emilia centrale. Aes signatum e moneta graca da Castelfranco Emilia. Quaderni di Archeologia dell'Emilia Romagna* 1. Florence 1998. 198 pp illus.

The author presents an overview of finds of Greek coins and aes signatum, followed by notes on the diffusion of pre-Roman coinage in Emilia Romagna and some technical, typological and archaeometric observations on the finds.

(A. Carignani)

163 NICOLET-PIERRE, HÉLÈNE and MANDO OECONOMIDES. Le trésor de Tégée, IGCH 265. Contribution à l'étude du monnayage de bronze péloponnésien. *ArchEph* 1995 (publ. 1998) pp. 77-84.

The authors present an unpublished hoard, found in 1861 in a field near Haghios Sostis in the region of Tegea, which belongs to the Numismatic Museum of Athens. The hoard contains a large number (more than 1000) of local bronze coins struck near Tegea. The description and detailed documentation of these coins allows the authors to follow the evolution of the hoarding of bronze coins in the Peloponnesus.

(Mando Oeconomides)

164 NOLLÉ, JOHANNES. Themistokles in Magnesia. Über die Anfänge der Mentalität, das eigene Porträt auf Münzen zu setzen. *SNR* 75 (1996) pp. 5-26 illus.

165 NUIK, J.M. Probable establiment del poble ibéric d'ILTIRKES als Prats de Rei (Anoia, Barcelona). *Miscellànea Homentge a J. Ainaud, I* (1998) pp. 49-51.

166 OCHEȘEANU, RADU. O măsură ponderală callatiană descoperită în teritoriu [A weight of Callatis discovered in the territory of the city]. *SCN* 12 (1997, publ. 1998) pp. 189-92 illus. French summary.

The author publishes a weight discovered during archaeological excavations in the settlement of Albești. It is a $\frac{1}{4}$ -mina weight and is dated to the 3rd century A.D.

(Eugen Nicolae)

167 OCHEȘEANU, RADU. Ponduri "tomitane" reatribuite cetății Histria [Weights of Tomis reattributed to the city of Histria]. *Pontica* 30 (1997, publ. 1998) pp. 333-35 illus. French summary.

Based on the discovery at Histria of a triangular Hellenistic weight of $\frac{1}{8}$ mina with the image of Hermes, the author proposes to attribute to this city the two weights published earlier as being from Tomis.

(Gh. Poenaru Bordea)

168 OECONOMIDES, MANDO. Kykladitika nomismata apo to Mouseio Kykladekes Technes [Cycladic coins in the Museum of Cycladic Art]. *ΦΩΣ ΚΥΚΛΑΔΙΚΟΝ*, *Mneme Nikolaou Zapheiropoulos* [Honorary Volume in Memory of Nicolaos Zapheiropoulos] (Athens 1999) pp. 318-27.

This article is a first approach to the important collection of 117 Cycladic coins, mainly of the Hellenistic period, in the N.P. Goulandris Foundation–Museum of Cycladic Art in Athens. Most of these coins, except for a few silver ones, formed part of the Evelpidou private collection. They were donated by the late Rena Evelpidou-Argyropoulou. In this collection, most of the islands' mints are represented and provide a general aspect of the Cycladic coinage.

(Author)

169 OECONOMIDES, MANDO. O Chalkinos nomismatikos thesauros "του εν Αθήναις" Asklepieiou 1876. Mia prote prossegissi [The bronze numismatic hoard of the Athens Asklepieion 1876. A first approach]. *Epainos Ioannou K. Papadimitriou* [Praise of John K. Papadimitriou]. *Library of the Athens Archaeological Society* 168 (Athens 1997) pp. 217-30.

The author presents a part of the numerous bronze hoards of Athenian coins of the 2nd and 1st centuries B.C. found during excavations in 1876 at the Asklepieion of Athens, south of the Acropolis.

(Author)

170 PAPAΕVANGELOU, CLEOPATRA E. The coinage of Phakion. *SNR* 75 (1996) pp. 33-45 illus.

171 PAPAGEORGIADOU-BANIS, CH. *The Coinage of Kea*. *ΜΕΛΕΤΗΜΑΤΑ* 24. Athens 1997.

The author presents a thorough study of the Keian mint activity in both the archaic and Hellenistic periods. She also quotes problems of iconography,

chronology, metrology and technique, circulation, as well as historical problems seen through numismatic evidence. *(Mando Oeconomides)*

172 PARISE, NICOLA FRANCO. Tipi monetari greci e romani secondo Plutarco. *ArchCl* 49 (1997) pp. 239-46.

173 PARISE, NICOLA FRANCO. Metallo fra Oriente e Grecia. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 11-13.

174 PETAČKI, GORGI. Helenistički kolektivan naod so tetradrahmi od s. Furka–Gevgelija [A Hellenistic hoard from Furka village near Gevgelija]. *Macedonian Numismatic Journal* 1 (1994) pp. 39-47 illus. English summary.

The hoard consists of 25 silver coins which the author posits were buried during the Celtic incursion of 280/79 B.C. These may be divided into two groups: an older consisting of a Thracian-Macedonian half-drachm (kneeling bull/triskeles before 480 B.C.) and two 5th-century Athenian tetradrachms, and the remainder drachms and tetradrachms of Alexander III, Lysimachos, Seleukos I Nikator and Demetrios Poliorketes. *(Charles B. Smith, Jr.)*

175 PETOLESCU, CARMEN MARIA. Un tezaur de monede de aur de tip Koson. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 84-93 illus. A Hoard of KOSON-Type Gold coins. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 83-92 illus.

The author presents preliminary publication of 179 gold Koson-type coins purchased in 1997 by the National History Museum of Romania. They are part of a larger hoard discovered in Transylvania in the mountain region of Orăștie. There are two types of coins with monograms and a third without monograms. Their weights range from 8.08 to 8.77 gms., with a mean of 8.49 gm. *(Gh. Poenaru Bordea)*

176 PETROVA, ELEONORA. Dva pretpostavljeni primeroci na kralot Dropion od Muzeot na Makedonija [Two coins attributed to King Dropion from the Museum of Macedonia]. *Macedonian Numismatic Journal* 1 (1994) pp. 49-56 illus. English summary.

The author treats two bronze coins found some 15 kilometers west of Kavadarci, and acquired by the Museum of Macedonia in 1991. The coins show on the obverse Zeus, and on the reverse PAIONΩN (monogram) and stylized lightning. On the basis of the style of the lightning, and of the monogram, both characteristic of the third

century B.C., the two coins, originally assigned by Gabler to Doberos after 187 B.C., are reassigned to the last Paeonian king Dropion (250-230 B.C.).

(Charles B. Smith, Jr.)

177 POENARU BORDEA, GHEORGHE. Emisiunile monetare ale atelierelor grecești de pe litoralul românesc al Mării Negre (sec. VI î. Hr.-III d. Hr.). Un stadiu al problemei. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 56-70. Issues of Greek Mints on the Romanian Coast of the Black Sea (6th Century B.C. to 3rd Century A.D.). The State of the Question. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 58-70.

178 POENARU BORDEA, GH. And GH. LENCU. O rară tetradrahmă atheniană stephanephoră suberată [A rare Athenian tetradrachm]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 13-17 illus. French summary.

The authors publish a tetradrachm of the magistrates Ammonios-Callias (11.20 gm.) whose prototype dates to ca. 150/149 B.C. according to M. Thompson, or to 118/117. It may be a contemporary forgery or of Balkan or Romanian provenance.

(Gh. Poenaru Bordea)

179 POSTICĂ, GHEORGHE. O monedă din bronz a orașului Byzantion descoperită la Sculeni, raionul Ungheni [A bronze coin discovered at Sculeni, Ungheni region]. *Revista Arheologică* 1 (Chișinău 1993) pp. 127-30 illus.

A rare bronze coin (E. Schönert-Geiss, p. 125, nos. 1129-32) of the last quarter of the third century was discovered in 1964 at Sculeni, a village on the left bank of the Prut River.

(Gh. Poenaru Bordea)

180 PROKOPOV, ILYA. *Tetradrahmite na Parva makedonska oblast. Klasifikator na moentite ot tipa glava na Artemida/krivak na Herakal v dabov venetz* [The Tetradrachms of the First Macedonian Region. A Classification of the coins with head of Artemis/club in oak wreath]. Sofia, Dios 1994. 210 pp.

181 PROKOPOV, ILYA. Again on the Kolyo Marinovo Coin Hoard. *Thracia* 11, *Studia in honorem Alexandri Fo* (Sofia 1995) pp. 451-54 illus.

182 PROKOPOV, ILYA and DOCHKA VLADIMIROVA-ALADZOVA. On the Problem of Coin Circulation in Dobroudja during the 2nd-1st century B.C. S. Torbatov and V. Yotov, eds., *Numismatic and Sphragistic Contributions to Ancient and Mediaeval History of Dobroudja. Proceedings*

of the International Symposium in Dobrich/Dobroudja 12 (Dobroudja 1995, publ. 1998) pp. 51-56.

183 PROKOPOV, ILYA and PETAR BANOV. Sakrovishte ot tetradrahmi na ostrov Tasos i ot tasoski tip, otkrito v s. Brestovets, Plevensko [A hoard of Thasos and Thasian-type tetradrachms found in the village of Brestovets, Pleven district]. *Numismatica et Sphragistika* 4 (1995-97) pp. 57-72 illus.

A recently discovered late Hellenistic coin hoard found 1994 near the village of Brestovets is published. Ninety-eight coins are preserved and studied—4 original Thasos tetradrachms and 94 of Thasian type. It is presumed that the hoard was buried ca. 72-70 B.C. (Authors)

184 PROKOPOV, ILYA. Problemi na monetnata tsirkulatsija v Trakija prez II-I v. pr. Hr. [Problems of the Currency Circulation in Thrace, 2nd and 1st century B.C.]. *Studia Numismatica* 2 no. 2-4 (1997, publ. 1999) pp. 5-19 illus.

The most typical features and the main coin types in circulation in the Thracian lands during late Hellenistic period are outlined in this article. Thirty-three original Thasos tetradrachms and Thasian-type imitations from five hoards are illustrated. (Author)

185 PROKOPOV, ILYA and FRANÇOIS DE CALLATAÏ. A late Hellenistic hoard from South-West Bulgaria (Area of Gotse Delchev). *NC* 158 (1998) pp. 228-36 illus..

A dispersed late Hellenistic coin hoard found 1995 near the town of Gotse Delchev is published. Forty-eight coins are studied: 25 Athenian "New Style" tetradrachms and 23 Thasos-type tetradrachms. The burial date of the hoard is best placed ca. 72/70 B.C. (Authors)

186 PROKOPOV, ILYA and KINA KOITCHEVA. Moneti ot II-I v. pr. Hr. ot kolektzijata na Istoricheski muzej—Gabrovo [Coins of the 2nd-1st centuries B.C. from the collection of the Museum of History at Gabrovo]. *Numismatica et Sphragistika* 5 no. 1 (1998) pp. 45-55 illus.

187 PROKOPOV, ILYA and MARIANA MINKOVA. Die Münzen des 2.-1. Jhs v. Chr. in der Sammlung des Historischen Museums von Stara Zagora. U. Peter, ed., *Stephanos nomismatikos. Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 563-84 illus.

A summary listing of the 10 hoards and 36 single coins from the late Hellenistic age, currently in the District Museum of History at Stara Zagora, is published and

illustrated. All Thasos and Thasian-type imitations are assigned to the new die study of this prolific coinage. (Authors)

188 PROKOPOV, ILYA and THEODORA KOVATCHEVA. *Moneti i monetni sakrovishta ot fonda na Istoricheski muzej - Pleven II-I v. pr. Hr.* [Coin Hoards and Coins from 2nd-1st centuries B.C. in the Numismatic Collection of the Museum in Pleven]. Sofia, Agatho Publishers 1999. 150 pp. illus. ISBN 954-8761-36-3.

189 REICH, R. and Y. BILLIG. Jerusalem—Robinson's Arch. *Hadashot Arch* 108 (1998) p. 180. In Hebrew.

Fifteen coins were found on the monumental street running next to the Western Wall. They include issues of Alexander Jannaeus, Herod Archelaus and the Procurators, the latest being of Pontius Pilate. (Arnold Spaer)

190 REQUIER, PIERRE. Les premiers tétradrachmes hellénistiques de Cos. *SNR* 75 (1996) pp. 53-64 illus.

191 RIPOLLES, P.P. and M. GOZALBES. Nouvelles pièces ibériques provenant du trésor de Barcus (P-O). *Antiquités Nationales* 29 (1997) pp. 93-98.

192 RUSSEVA, BORIANA. Sakrovishteto ot Borovets (*IGCH* 855) i postumnite tetradrahmi na Lizimachia [The hoard of Boroveč (*IGCH* 855) and the posthumous tetradrachms of Lysimachos]. *Numismatica et Sphraguistika* 4 (1995-97) pp. 29-41 illus.

A dispersed early Hellenistic coin hoard found near the village of Borovets in Rila Mountain in 1929/30 is published. Two specimens in the National Archaeological Museum at Sofia are Lysimachi tetradrachms – one from his lifetime and one posthumous. (Author)

193 RUSSEVA, BORIANA. Nova interpretatsija na monetite ot Blagun (*IGCH* 849) [New interpretation of coins of Blagun (*IGCH* 849)]. *Numismatica et Sphraguistika* 5 no. 1 (1998) pp. 31-44 illus.

194 SARI, K. Nahsholim. *Hadashot Arch* 108 (1998) pp. 47-49. In Hebrew.

A bronze coin of Antiochus IV was found at this coastal site south of Haifa. (Arnold Spaer)

195 SCACCHI, DIEGO. Statere incuso della zecca di Sybaris riconiato su uno statere incuso di Caulonia(?). *AN* 8 no. 30 (June 1998) pp. 691-92 illus.

An incuse stater of Sybaris overstruck on an incuse stater of Caulonia(?) is published. (Novella Vismara)

196 SHEEDY, K.A. and CH. PAPAGEORGIADOU. The Coinage of Kythnos. *Kea-Kythnos: History and Archaeology, Proceedings of the International Symposium, Kea-Kythnos, 22-25 June 1994, MEΛETHMATΑ* 27 (Athens 1998) pp. 649-55.

The authors present the unique mint activity of Kythnos, from the 2nd century B.C. to the 1st century B.C. and perhaps even the 1st century A.D. They also strengthen the hypothesis of the Rhodian domination of the island, based on the numismatic iconography. (Mando Oeconomides)

197 SHEEDY, KENNETH. Keian federations and Keian coinage. *NC* 158 (1998) pp. 249-57.

198 SIEVERS, SUSANNE *et al.* Vorbericht über die Ausgrabungen 1996-1997 im Oppidum von Manching. *Germania* 76 no. 2 (1998) pp. 619-72 illus.

B. Ziegeus reports (pp. 645-52) on 17 Celtic and 2 Roman coins found during the excavations. Some of the silver and aes coins are illustrated (fig. 10, 1-4). Highly interesting is the bronze hub, also found at Manching, used for the production of obverse dies in order to strike Celtic silver of the Schönaich-type (fig. 10, 6, cf. 5 and 7). (Hans R. Baldus)

199 SMITH, FEDERICA. Cavalli di Lisippo su monete in bronzo di Alessandro Magno. *AN* 7 no. 26 (June 1997) pp. 574-80 illus.

The author presents a new stylistic discussion of Lysippan "horsemen." (Rodolfo Martini)

200 SPOERRI, MARGUERITE and KEVIN BUTCHER. ANEΙΣΦΟΙΑ sur des monnaies de Coropissos en Cilicie. *SM* 48 no. 190 (1998) pp. 29-32 illus.

201 SULIMANI, G. and B. SISSO. Jerusalem—Givath Ha-Mivtar. *Hadashot Arch* 108 (1998) pp. 134-35. In Hebrew.

A burial cave in N. Jerusalem contained five coins of Alexander Jannaeus and of Pontius Pilate. (Arnold Spaer)

202 SYMONS, DAVID. When is a horse not a horse? *NCirc* 106 (1998) pp. 260-61 illus.

The author discusses the griffin on a silver unit of Dubnovellaunus, sometimes described as a horse.
(Martin Allen)

203 TATSCHÉVA, MARGARITA. ΓΕΤΑΣ ΗΔΟΝΕΩΝ ΒΑΣΙΛΕΩΣ. Ulrike Peter, ed., *Stephanos nomismatikos. Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 613-26 illus.

204 TEKİN, OĞUZ. A Note on BA:FE and BAΛΥΣ on the Aspendian Staters. *AN* 4 no. 15 (September 1994) pp. 315-16.

The author suggests an alternative reading for two Pamphylian coin legends, probably the name and career of the magistrate.
(Novella Vismara)

205 TEKİN, OĞUZ. Elaiussa-Sebaste Sikkerleri [The Coinage of Elaiussa-Sebaste]. *Adalya* 2 (1997, publ. 1998) pp. 151-58. English summary.

The author publishes coins of Elaiuss-Sebaste, an ancient Cilician city of southern Anatolia.
(Author)

206 TOPALOV, STAVRI. *Formes prémonétaires de moyens d'échange. Les flèches-monnaies coulés d'Apollonie du Pont VII-V s. av. n. e.* Sofia, Nasko-1701 1993, publ. 1997. 35 pp. illus. ISBN 954-8556-07-3.

207 TOPALOV, STAVRI. *Odriskoto tzarstvo ot kraja na V do sredata na IV vek pr.n.e. Prinosi kam prouchvane na istorijata i monetosecheneto mu, [The Odrysian kingdom from the end of 5th to the middle of the 4th century B.C. Contributions to the Study of its Coinage and History].* Sofia, Nasko-1701 1994, publ. 1995. 186 pp. illus. ISBN 954-8556-03-0.

The author publishes a series of articles devoted to coinages of the Thracian kings Metokos, Amatokos, Seuthes I, Herbrizelmis and Kotys I. Four new and unpublished coin types are discussed and illustrated. A stemma of the early Thracian royal dynasty and a full catalogue of the Odrysian coinage from the late 5th to the mid-4th century B.C. is provided.
(Ilya Prokopov)

208 TOPALOV, STAVRI. *Mesambria Pontika. Prinosi kam prouchvane monetosecheneto na grada V-I v. pr.n.e [Messambria Pontica. Contribution to the Study of the Coin minting of the city, 5th-1st c. B.C.].* Sofia, Nasko-1701 1995, publ. 1996. 212 pp. illus. ISBN 954-8556-02-2.

Four articles devoted to various aspects of the coins and history of Mesambria Pontica are published in this book. A chronology of the coinage and a catalogue of all the extant types from the 5th century to the end of 1st century B.C. are included.

(Ilya Prokopov)

209 TOPALOV, STAVRI. *Prinos kam prouchvane tetradrahmite na Tasos ot vtori period na monetosechene, podrajanijata im i svarzanite s tjah drugi imitativni moneti ot zemite na Trakija prez II-I v. pr. n.e.* [A Contribution to the Study of Thasos tetradrachms of the 2nd coinage period, their imitations and other related imitated coins from the Thracian lands in the 2nd-1st centuries B.C.]. Sofia, Nasko-17011996, publ. 1999. 196 pp. illus. ISBN 954-8556-05-7.

Four related articles devoted to various aspects of the coinage in ancient Thrace are published in this book by the author. The first is a study of the Thasian tetradrachms of the late style and their imitations (16 coins of the author's collection illustrated in the text and a list of monograms enclosed), a part of a scattered hoard of barbarized tetradrachms of Thasos (13 coins) inscribed KOTYOC XAPAKTHP. The other two articles discuss southwest Thracian imitative coinages such as silver tetrobols of 2nd-1st century B.C. Histiaea on Euboea (5 coins) and imitations of Pella and Thessalonika autonomous bronze issues (11 coins). Finally, an unknown and new type of tetradrachm of the late Thracian kings Rhoemetalkes I or Rhoemetalkes II is published.

(Ilya Prokopov)

210 TOPALOV, STAVRI. *Monetosecheneto na Ketripor—vladetel ot zemite na Trakija v sredata na IV v. pr.n.e.* [The coinage of Keptriporis—a ruler of the Thracian lands in mid-4th c. B.C.]. *Studia Numismatica* 2 no. 1. Sofia, Agatho 1997. 21 pp. illus.

211 TOPALOV, STAVRI. Bronzemünzen des Amatokos von Typ Weintraube/Doppelaxt mit einem bisher unbekannten Symbol, dem Kantharos. Ulrike Peter, ed. *Stephanos nomismatikos. Edith Schöner-Geiss zum 65. Geburtstag*, (Berlin 1998) pp. 627-30 illus.

212 TORBÁGYI, MELINDA. Probleme cronologice ale monetăriei celtice din Ungaria. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 76-83. Die Chronologischen Probleme der Keltischen Münzprägung in Ungarn. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 76-82.

Coins of the Audoleon group are dated around the end of the 3rd century B.C. or later, while the Zichyujfalu type (with analogies to Tulghies) is placed around the end

of the 3rd to the beginning of the 2nd century B.C. The Máslonpuszta type is dated later, to the middle third of the 1st century B.C., followed by the Varasdin type. The Kapostal type (cf. The Crişani-Barchieş group) can be placed in the mid-1st century and later; the bronze of the Dunaszekcső type that derive from it were also struck in Roman Pannonia. The Töthfalu, Kroisbach and Velem types date to ca. 75 to ca. 55-45 B.C. One can see a break of at least 50 years between these chronological groups.

(Ch. Poenaru Bordea)

213 TRAVAGLINI, ADRIANA, ed. *Museo di Izmir I. Ripostigli di monete greche*. Milan 1997. 194 pp. illus.

The author publishes eight hoards of Greek coins. The finds can be dated between the archaic period (late 6th-early 5th cent. B.C.) and the late Hellenistic period (second quarter of the 1st century B.C.).

(A. Carignani)

214 UJES, DUBRAVKA. Numizmatički prilog izučavanju aktivnosti korintske trgovinske sfere na istočnim Jadranu [Numismatic contribution to the study of activities of the Corinthian commercial zone in the eastern Adriatic]. *Radionice i kovnice srebra* (Belgrade, Narodni muzej Beograd 1995) pp. 45-54 illus. English summary. ISBN 86-7269-021-4.

Beginning from her previous investigation of relevant finds in Belgrade's National Museum, the author notes the Rhizon hoard as evidence for the generally-accepted theory that the mines of Damastion were the main source of silver for the abundant monetary production of Corinth, and examines how much it is possible to identify a further numismatic trail of the silver trade, as well as of other Corinthian merchant activity. Based on archaeological discoveries, coinage appears too late to illuminate the early phases of contact and trade with the Corinthian sphere. In general, numismatic evidence is inadequate of itself to examine trade, even in the period of 4th-century B.C. Corinthian dominance of the Adriatic and Ionian Seas. It is nonetheless sufficient to sketch the outlines of trade relations, including the importance of Rhizon as a trading center, and the apparent slow process of monetization of commerce in the eastern Adriatic.

(Charles B. Smith, Jr.)

215 VILLARONGA, L. Les dracmes emporitanes de pes reduït. Problemàtica. *Miscellànea Homenatge a J. Ainaud* 1 (1998) pp. 65-69.

216 VILLARONGA, L. *Les dracmes ibèriques i llurs divisors*. *Complements d'Acta Numismàtica* 3. Barcelona 1998. 256 pp.

217 VILLARONGA, L. Testimoniatge del pas dels Cimbris per Catalunya. *Itaca, annexos* 1 (1998) pp. 587-90.

218 VILLARONGA, L. Tres novedades en la numismática antigua de Hispania. *IV Congreso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 1-4.

219 VISMARA, NOVELLA. Due emissioni licie inedite: Limyra / Kuprlli e cinghiale / testa maschile(?). *AN* 3 no. 11 (September 1993) pp. 232-34 illus.

Two previously unpublished archaic Lycian coins are presented. (Author)

220 VISMARA, NOVELLA. Una nuova attribuzione alla zecca di Side (Pamphyliæ). *AN* 5 no. 18 (June 1995) pp. 393-94 illus.

A coin type with a dolphin on the obverse, Greek letter and human eye on the reverse, is discussed and attributed to the Side mint. (Author)

221 VISMARA, NOVELLA. Una nuova emissione monetale della Lycia arcaica: il signore U[P?]EZE(?). *AN* 6 no. 22 (June 1996) pp. 478-79 illus.

The author publishes a new Lycian archaic coin type of a boar standing r. / forepart of a lion l., with a previously unknown legend. (Author)

222 VISMARA, NOVELLA. Il signore licio Perikle: la questione della "firma" di incisori monetali sulle emissioni della Lycia arcaica. *AN* 6 no. 23 (September 1996) pp. 502-4 illus.

The author discusses a coin of the Lycian ruler Perikles with a legend on the obverse interpreted as a die-cutter's signature. (Author)

223 VISMARA, NOVELLA. Nuovi elementi per una storia dei rapporti tra Kuprlli ed il Wedri: un'emissione inedita della zecca di Zagaba(?) (Lagbe?). *AN* 8 no. 30 (June 1998) pp. 698-700 illus.

The author presents a previously unpublished coin of the Lycian dynast Kuprlli, attributed to the mint of Zagaba (Lagbe). (Rodolfo Martini)

224 VISONÀ, PAOLO. Bronze coins of Paros from the island of Hvar (Brončani novac Parosa s otoka Hvara]. *Vjesnik za arheologiju i historiju dalmatinsku* 86 (1994) pp. 253-60 illus. Croatian translation.

The author describes and illustrates a group of 12 small bronze coins found at Stari Grad on Hvar in 1901 or before, including a coin of Paros which, with one possible exception, is the first found in Dalmatia and possibly the model for the Pharos issues. The coins, now in the Archaeological Museum in Zagreb, were from the collection of L. Berualdi Lucić of Stari Grad. Also described are an additional five coins of unknown provenance and in poor condition, one of Paros and four of

Pharos. All bear on the obverse a head right of Demeter (for Pharos the identification is more uncertain) and on the reverse a goat standing (Paros) or walking (Pharos) right.
(Charles B. Smith, Jr.)

225 VISONÀ, PAOLO. La collezione numismatica dell'ex Museo Civico di Nicotera (Cz). *AN* 4 no. 13 (March 1994) pp. 265-66.

The author publishes some additions and corrections to the list of stolen coins in the Museo Civico di Nicotera in 1986.
(Novella Vismara)

226 VISONÀ, PAOLO. An Overstruck Punic Bronze Coin in Volterra. *AN* 4 no. 16 (December 1994) pp. 339-40 illus.

The author publishes a coin from Volterra's Museo Guarnacci that is overstruck by a Roman Republican type.
(Novella Vismara)

227 VISONÀ, PAOLO. A hoard of 4th-century Athenian tetradrachms from Nablus. *NumAntClas* 27 (1998) pp. 141-49 illus.

The hoard of 17 tetradrachms was uncovered between 1890 and 1891 at Nablus in Samaria and is now at the Kelsey Museum of Archaeology at the University of Michigan. The author proposes a burial date of 333-330 B.C.
(A. Carignani)

228 WAGNER, HERFRIED. Das zentrale Bohrloch auf antiken Bronzen. *MÖNG* 38 (1998) pp. 96-100 illus.

The author argues against Leypold's theory about these coins, as expressed in *MÖNG* 1996, p. 6 ff.
(Günther Dembski)

229 WEISER, WOLFRAM. Melissia—eine neue illuropaionische Münzstätte. *MÖNG* 38 (1998) pp. 90-92 illus.

The author succeeds in identifying a new silver coin (tetrobol) that appeared on the market as an issue of the Illyrian-Paeonian city of Melissia that can be dated to the second half of the 4th century B.C.
(Günther Dembski)

230 WEISER, WOLFRAM. Heraion als Prägeort korinthischer Drachmen. *SM* 47 no. 185 (1997) pp. 1-5 illus.

The author presents a mid-2nd century Corinthian drachm with a hitherto unknown monogram on the obverse which is attributed to Heraion on Perachora.
(Markus Peter)

231 WILLIAMS, J.H.C. Delete-undelete: Mack 280 and early British silver. *NC* 158 (1998) pp. 53-61 illus.

A newly legible inscription on recently discovered specimens of a previously misattributed series of first-century B.C. British Iron Age silver coins allow their attribution to Addedomaros, who also struck inscribed issues in gold and bronze. It is argued that early British silver coins were influenced by the dominant Gaulish quinarius series. This may imply a pre-Gallic War date for the inception of silver coinage in Britain, prompting a reassessment of current explanations for its introduction. (Author)

232 WILLIAMS, J.H.C. Imitation or invention? A new coin of Tasciovanus. *NCirc* 106 (1998) pp. 350-51 illus.

233 YURUKOVA, JORDANKA. Die archäologischen Ausgrabungen von Pistiros und die Münzprägung von Kotys I. Ulrike Peter, ed. *Stephanos nomismatikos. Edith Schöner-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 317-20 illus.

234 YURUKOVA, JORDANKA. Bronzovoto monetosechene na Lizimachija [The bronze coinage of Lysimachus]. *Numismatica et Sphragistika* 5 no. 1 (1998) pp. 16-30 illus.

A relative chronology of the bronze autonomous issues of Lysimachia between 281/0-245/240 B.C. is proposed. The consecutive order of the types is as follows: "Athena head/ lion" and "male head/lion" - dated to about 281/0-277/6 B.C.; "Tyche head/lion" - to 277/6-270 B.C.; "Heracles head/Nike" - to 277/6 B.C.; "Demeter head/inscription in wreath" - to 270-260 B.C.; "Heracles head/Artemis" again - to 270/260; "Demeter head/Nike" - to 270/260 B.C.; and "lion's skin/wheat ear" - to 260/250 B.C.. The bronze coins of the type "Heracles head/Nike" are dated to 250-245/40 B.C. and are the last issues of Lysimachia, re-struck over the bronzes of Antiochos II Theos. (Author)

235 ZELI, TEODORO. Tetradramma inedito di Fraates IV del 24 a.C. con lettera N(?). *AN* 8 no. 30 (June 1998) pp. 701-4 illus.

For additional references to Greek numismatics, see the following abstracts:

General, nos. 1, 12, 20, 21

Technology and Methodology, no. 41

Roman, nos. 353, 401.

ROMAN

236 ABU USKA, H. Akhziv-Eastern Cemetery. *Hadashot Arch* 108 (1998) pp. 12-15. In Hebrew.

Three 2nd century A.D. Greek Imperials of Tyre were found in these excavations of a coastal site in Galilee. (Arnold Spaer)

237 ABU USKA, H. Yafia. *Hadashot Arch* 108 (1998) pp. 33-34. In Hebrew.

Two coins of Constantius II struck at Cyzicus and two issues of Tyre (Caracalla and Elagabalus) were found during excavations at this Lower Galilee site. (Arnold Spaer)

238 ALFÖLDI, MARIA R. Begegnungen. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 15-22 illus.

The author discusses dealings between the Roman Empire and barbarian populations in the 5th and 6th centuries, specifically regarding the great migrations of the Vandals, Ostrogoths, Franks and Lombards. (A. Carignani)

239 ALTERI, GIANCARLO. *Aes grave dal Medagliere della Biblioteca Apostolica Vaticana, Catalogo della Mostra*. Vicenza/Rome 1998. 115 pp. illus.

240 ALTERI, GIANCARLO. *I sesterzi dei dodici Cesari dal Medagliere della Biblioteca Apostolica Vaticana, Catalogo della Mostra*. Vicenza/Rome 1998. 127 pp. illus.

241 ANTONELLI, CRISTINA. La circolazione monetale in età repubblicana ed imperiale nel sud del Piceno ed in particolare nella valle del Vomano. *Münstersche Beiträge zur Antiken Handelsgeschichte* 17 no. 2 (1998) pp. 1-11.

Part II of her study on coin circulation and trade in the region of the Ager Hatrianus/Hadrianus (eastern Central Italy). (Hans R. Baldus)

242 AREVALO GONZALEZ, A. and C. MARCOS ALONSO. *El depósito monetar de Torelló d'En Cintes (Mahón, Menorca)*. Colección

Vives y Escudero 9. Barcelona, Asociación Numismática Española 1998. 114 pp.

243 ARSLAN, ERMANNIO A. Una moneta alessandrina di IV secolo con Serapis e il Nilo del lascito numismatico Carlo Rossi. *AN* 6 no. 24 (December 1996) pp. 538-46 illus.

The author discusses an Alexandrian coin with the legend DEO SARAPIDI from the Carlo Rossi collection and now in the coin cabinet of Locarno. (*Novella Vismara*)

244 ARSLAN, E.A. Il Deposito Monetale della Trincea XII nel Cortile della Sinagoga di Cafarnao. *Lib Ann* 47 (1997) pp. 245-328.

This is a preliminary statistical analysis of 15% of the 20,323 coins found during the years 1972-75 under the pavement of the synagogue. Only 63% of these were found to be legible. They cover issues from the second century B.C. to the second reign of Zeno. By far the majority are late Roman coins of the 4th and 5th centuries A.D. (*Arnold Spaer*)

245 AUBERSON, ANNE-FRANCINE. [Vuippens FR / La Palaz: le site gallo-romain et la nécropole du Haut Moyen Age:] Les monnaies. *Archéologie Fribourgeoise* 10 (1997) pp. 58-62 illus.

246 AVISSAR, M. and E. SHVO. Qula. *Hadashot Arch* 108 (1998) pp. 74-76. In Hebrew.

During excavation of this site about 15 km. East of Tel Aviv, a hoard of ca. 2000 3rd-century A.D. Roman bronzes was found. No details are given. (*Arnold Spaer*)

247 BADIAN, E. Two numismatic phantoms: The false priest and the spurious son. *Arctos* 32 (1998) pp. 45-60 illus.

The author discusses the coins of CALDVS.III.VIR (Crawford, *RRC* 437), tracing their interpretation from Ursinus to Harlan. The main purpose of the coins is to celebrate the deeds of the moneyer's grandfather, the new man C.Coelius Calvus, who became consul in 94 B.C. His head appears on all the obverses. His ballot law, passed in his tribunate, is recalled on 437/1, his victories in (probably) Spain and (certainly) Gaul on 437/2-4. His victory over the Salluvii (90 B.C.) is recorded in Livy, *Periocha* 73 (the best reading, unfortunately omitted in the recent Budé edition). The reverses show the moneyer's father, L. Calvus, performing his duty as an *epulo*. On one side of this scene C. Calvus is named, on the other he is described as IMP. A. (or AV)X. The abbreviations cannot stand for *Augur*, *Decemvir*, as always interpreted. Those common titles are never thus abbreviated. They must be read *Imperator annos/-is decem*. This must refer to the consul (not, as often conjectured,

to a son of his), who can independently be shown to have commanded an army for at least eight years. (Author)

248 BELLESIA, LORENZO. Nota su tre monete romane imperiali inedite: I. Denario di Marco Aurelio. II. Dupondio di Lucio Vero. III. Antoniniano di Probo. *AN* 7 no. 27 (September 1997) pp. 601-2 illus.

249 BELLESIA, LORENZO. Alcuni sesterzi flasi da Massimino a Filippo I. *AN* 8 no. 32 (December 1998) pp. 732-35 illus.

250 BIRAN, A. Tel-Dan—1996. *Hadashot Arch* 108 (1998) pp. 1-3. In Hebrew.

Coin finds included a copper coin of Agrippa I and two Roman issues of the 4th century A.D. (Arnold Spaer)

251 BIRÓ-SEY, KATALIN, MAGDOLNA MEDGYES and MELINDA TORBÁGYI. *Der spätrömische Münzfund von Tokorcs*. Budapest 1998. 72 pp. illus.

252 BLAND, ROGER and JOHN ORNA-ORNSTEIN. *Coin Hoards from Roman Britain. Volume X*. London, The Trustees of the British Museum 1997. 480 pp. illus.

253 BOJKOVA, BISTRA. Rjadak monetoviden pametnik ot rimskata epoha [A rare coin-like record of the Roman epoch]. *Numismatica et Sphraguistika* 4 (1995-97) pp. 77-80 illus.

254 BOZKOVA (BOJKOVA), BISTRA. Nahodkite ot dneshnite balgarski zemi i rimskoto zlatno monetosechene ot kraja na III v [Finds from modern Bulgaria and Roman gold coinage of the end of the 3rd century]. *Archeologija* 38 no. 4 (Sofia 1996) pp. 23-30 illus.

255 BOJKOVA, BISTRA. Kasnoantichna kolektivna monetna nahodka ot trakiyskija mogilen nekropol Shipka-Sheynovo [Late antique coin hoard from the Thracian necropolis at Chipka-Cheinovo]. *Numismatica et Sphraguistika* 5 no. 1 (1998) pp. 56-60 illus.

A mid-4th century A.D. hoard of 47 coins, found in a Thracian burial mound at Ostrusha in South Bulgaria, is published. It contains 44 copper coins of AE2 and AE3 (Helena - 1; Constantius II - 33; Constantius Gallus - 2; Julian II - 7, uncertain - 4), as

well as two and a half silver siliquae of Constantius II and Julian II the Apostate, pierced and used as buttons. The burial date is best placed ca. A.D. 363. (Author)

256 BONAČIĆ-MANDINIĆ, MAJA. Parva Salonitana—Nekoliko primjeraka novca 4.-6. Stoljeća iz Salone [Several examples of coins of the 4th to 6th centuries from Salona]. *Numismatičke vijesti* 51 (1998) pp. 13-16 illus. English summary.

Nine bronze coins from a private collection and found on the site of Salona are illustrated and catalogued. They include one late Roman (Aelia Flacilla), seven Byzantine (Anastasius, Justinian and Justin II), and one Vandalic of Hilderic.

(Charles B. Smith, Jr.)

257 BORIĆ-BREŠKOVIĆ, BOJANA. Tasos: preložak, masovni tip illi kopije i imitacije [Thasos: original, mass-type, or copies and imitations]. *Radionice i kovnice srebra* (Belgrade, Narodni muzej Beograd 1995) pp. 55-62 illus. English summary. ISBN 86-7269-021-4.

The author catalogues and illustrates Thasos-type tetradrachms found in Serbia and compares them with the larger numbers found in Romania and Bulgaria. She reviews literature on them, especially regarding the problem of defining the origin of specific types. Based on types found in Serbia and incomplete data on their geographic distribution, she accepts Prokopov's theory of massive Roman production of Thasos-type tetradrachms beginning after the conquest of Macedonia aimed at expanding Roman influence via a well-known coin design. One specific example is with reasonable confidence attributed on the basis of a monogram to a Macedonian issue of Proquaestor Quintus Brutius Suurus.

(Charles B. Smith, Jr.)

258 BOTRÈ, CLAUDIO. Roma ed il regno di Macedonia. I loro conflitti nello studio di alcune documentazioni numismatiche. *SNR* 76 (1997) pp. 65-72 illus.

259 BRANDS, GUNNAR. Ein spätantikes Bronzegewicht im Yemen. *AA* 1998 no. 3 pp. 483-88 illus.

A late Roman (ca. 5th-6th c. AD) bronze weight from Zafar, now in the National Museum at Sana, is published. Its obverse depicts a latin cross flanked by Go and G (made from silver) surrounded by an engraved wreath. Its actual weight of ca. 76 grams is rather near to the theoretical weight of a Roman 3-unciae-piece (ca. 81.86 grams). The piece seems to be an archaeological document for commercial relations between the eastern Roman empire and southern Arabia, indeed known from literary sources.

(Hans R. Baldus)

260 BUTCHER, KEVIN. A New Smyrna Countermark. *AN* 3 no. 12 (December 1993) p. 238 illus.

The author publishes a new countermark, Amazon Smyrna, on two worn imperial coins which update Howgego's work on Greek Imperial countermarks.

(Novella Vismara)

261 CACCAMO CALTABIANO, MARIA. La monetazione in Sicilia negli anni della II guerra punica fra tradizione locale ed esperienza romana. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 39-55 illus.

Against the backdrop of the Roman conquest of Sicily, the author outlines the relationship between Roman coinage and the issues of Sicily, and the ultimate production of a Romano-Sicilian system analogous to the earlier Romano-Campanian coinage.

(A. Carignani)

262 CALLEGHER, BRUNO. Una moneta di Nerone e Poppea della zecca di Efeso. *AN* 5 no. 19 (September 1995) pp. 416-17 illus.

263 CALLEGHER, BRUNO. Un medaglione di Gallieno. *AN* 5 no. 20 (December 1995) pp. 434-36 illus.

A previously unknown bronze medallion of Gallienus (VICTORIA AVGVSTI) is published.

(Novella Vismara)

264 CALLEGHER, BRUNO. Monete da insediamenti di epoca romana nella campagna di *Opitergium*. Nuove acquisizioni. *Archeologia Veneta* 19-20 (1996-97) pp. 177-200 illus.

The author publishes ca. 60 coins found at four sites in the territory of Oderzo in Veneto. The pieces range from the late Republic to the 5th century A.D.

(A. Carignani)

265 CASABONA, MINA. La monetazione di *Catana* di età romana. *NotChioistroMonMagg* 59-60 (1997) pp. 77-96 illus.

The author proposes a subdivision into three main periods for the bronze issues. The period studied ranges from the Second Punic War to the end of the activity of the city's mint ca. 170 B.C.

(A. Carignani)

266 CASEY, P.J. Imperial lottery ticket or Vandalic revaluation? An inscribed denarius of Domitian. *NCirc* 106 (1998) pp. 311-12 illus.

267 CATALLI, FIORENZO. Roma, via Balmuccia, Rinvenimenti archeologici. *BollNum* 25 (1995) pp. 260-61 illus.

In a tomb excavated along the ancient via Cornelia, on the western periphery of Rome, was found a coin that can be dated to the last years of the reign of Trajan (112-117). It is a bronze as, struck at the mint of Rome, buried as payment to Charon.

(A. Carignani)

268 CECI, FRANCESCA. Roma, Museo Nazionale Romano. Moneta e archeologia. Materiale numismatico proveniente dalla zona compresa tra il Tevere e la via Nomentana. Scavi 1989-1993. Catalogo. *BollNum* 25 (1995) pp. 75-135 illus.

The author publishes 130 coins ranging from the mid-Republican period through the Late Empire.

(A. Carignani)

269 CHERA, CONSTANTIN. Reprezentări mitologice în inventarele funerare din Tomis (sec. I-IV d.Chr.) [Mythological representations from graves in Tomis (1st-4th centuries A.D.)]. *Pontica* 30 (1997, publ. 1998) pp. 217-36 illus. German summary.

Among other finds were 19 gems found at Tomis, Callatis and Tropaium Traiani with representations of Fortune, Ceres, Minerva, the Dioscuri, Mercury, Diana, Bonus Eventus, Sol, Apollo, a dolphin, fish, lion, raven, and some coins of Tomis from the imperial period.

(Gh. Poenaru Bordea)

270 CHEUNG, ADA. The Political Significance of Roman Imperial Coin Types. *SM* 48 no. 191 (1998) pp. 53-61.

271 CHIARAVALLE, MAILA. Un *follis* di Massenzio per Aquileia da Castelseprio (VA). *NotChiostroMonMagg* 59-60 (1997) pp. 155-80 illus.

The author publishes a bronze coin issued by Maxentius from the mint at Aquileia between 306 and 312, found at Castelseprio (Varese). The author discusses the chronological and geographical range in which this coinage circulated.

(A. Carignani)

272 CICALI, CRISTINA. Siena, Piazza Duomo. Campagna di scavo 1988. *BollNum* 25 (1995) p. 271.

Excavations revealed an as of Tiberius, three late imperial bronzes, a medieval jeton and a Florentine quattrino from the end of the 14th century.

(A. Carignani)

273 CIOBANU, LARISA. Descoperiri monetare romane în spațiul pruto-nistean [Finds of Roman coins in the Dniester-Pruth area]. *Vestigii arheologice din Moldova* (Chișinău 1997) pp. 234-47. English summary.

274 COSTA, V.M. DA. Five Roman Empresses: Chronology and Style in the Roman Provincial Coin Issues of Asia Minor. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 1-27. Text in Turkish and English.

275 CRAWFORD, M.H. A Republican hoard from Africa. *NC* 158 (1998) pp. 287-88.

276 DALLE VEGRE, ANNA PIA and EUGENIO VAJNA. Un triente romano repubblicano controlmarcato con un *bucranium*. *AN* 6 no. 24 (December 1996) pp. 530-31 illus.

277 DAMSKY, BEN L. Virgil's siren on coins of 19 BC. *SNR* 76 (1997) pp. 75-97 illus.

The author discusses the puzzling number of different types of denarii and aurei struck by the tresviri monetales in Rome in 19 B.C. He reverts to a theory by H. Mattingly, to which he adds several observations suggesting a connection of these coin types with Virgil's death in the same year. (Markus Peter)

278 DE LA BEDOYERE, GUY. Carausius and the marks **RSR** and **I.N.P.C.D.A.** *NC* 158 (1998) pp. 79-88 illus.

The coins of Carausius have long been recognized as carrying allusions to literary themes, and even, in one case, the *Aeneid* of Virgil. Two of the exergue-marks, which appear on Carausian medallions and silver issues, correspond to a text from Virgil's fourth *Eclogue*. This provides an unprecedented insight into the extent to which knowledge of literature could be taken for granted in Roman Britain. (Author)

279 DEMBSKI, GÜNTHER. Eine neue und seltsame Aufbewahrungsart von Münzen in römischer Zeit. *MÖNG* 37 (1997) pp. 114-16 illus.

The two coins in this find from 1996 date to the time of Severus Alexander.

(Author)

280 DEMBSKI, GÜNTHER. Nachtrag zum Münzschatz der römischen Kaiserzeit aus Neunkirchen. *MÖNG* 38 (1998) pp. 92-95 illus.

Seven denarii that can be added to the Roman hoard published in *NZ* 101 (1990) pp. 17 ff. are discussed in this article. The author also provides an overview of this hoard of 176 silver coins (174 denarii, 1 quinarius and 1 drachm). (Author)

281 DEMBSKI, GÜNTHER. Nachträge zu Regalian und Dryantilla VII. *MÖNG* 38 (1998) pp. 81-85 illus.

In the past few years three further antoniniani of Regalian and one of Dryantilla have come to light from auctions and private collections. The reverse bears the legend VICTORIA AVGG. (Author)

282 DE ROMANIS, FEDERICO. Commercio, metrologia, fiscalità. Su P. Vindob. G 40.822 verso. *MEFRA* 110.1 (1998) pp. 11-60.

The author proposes that the frequent oscillation of the weight standard in Egypt in the first centuries of the imperial period should be interpreted as adjustment and compensation for fiscal pressures. In the late imperial period, on the other hand, there was a reduction in the fiscal burden. (A. Carignani)

283 DEUBNER, OTFRIED R. Homerbildnisse. *AA* 1998 no. 4 pp. 489-98 illus.

Greek (imperial) coins with the head of Homer, or with the figure of the poet seated, and a late Roman contorniate with the bust of Homer as obv. illustrate the paper. (Hans R. Baldus)

284 DINKOVA, ANTOANETTA. Kolektivna nahodka ot kasnorimski moneti ot s. Gorno Alexandrovo, Slivensko [Late Roman coin hoard from Gorno Alexandrovo, district of Sliven]. *Maritsa-Iztok. Archaeological Researches* II (Sofia 1994) pp. 221-26 illus.

285 DOHNA, FERDINAND. Marcus Antonius auf dem Ravenna-Relief. *MDAI(R)* 105 (1998) pp. 295-304 illus.

By comparison with Roman coin portraits the general on the famous relief (Museo Nazionale di San Vitale, R.) is identified as Mark Antony. (Hans R. Baldus)

286 DUDĂU, OLTEA. Un lot de monede republicane romane din colecția Brukenthal [A lot of Republican coins in the Brukenthal collection]. *Ephemeris Napocensis* 6 (1996) pp. 79-100. French summary.

The author provides a detailed publication of a group of 253 coins (not including five modern forgeries) from the collection of the Brukenthal museum at Sibiu: 191 Republican denarii, 12 quinarii and 5 victoriati struck between 211 and 32/31 B.C. (nos. 1-208); 9 imperial denarii from Vespasian to Alexander Severus, with a Lycian drachm struck under Domitian (nos. 209-18); 17 copies and imitations of Republican

denarii (nos. 219-35), and 13 plated denarii dated to the period from 149-32/31 (nos. 236-48).
(*Gh. Poenaru Bordea*)

287 DUKAT, ZDENKA and IVAN MIRNIK. Skupni nalaz rimskog carskog novca iz Balijne Glavice [Roman imperial coin hoard from Balijna Glavica]. *Jesnik za arheologiju i historiju dalmatinsku* 86 (1994) pp. 267-73 illus. English summary.

A group of 26 worn Roman asses presented to the Archaeological Museum in Zagreb in 1878 is described. Said to have come from a pot find from Balijna Glavica, 5 km. from the village of Kljaci near Drniš, Croatia, they include coins of emperors from Augustus to Commodus.
(*Charles B. Smith, Jr.*)

288 DUMITRAȘCU, AUREL. Tezaurul de monede romane republicane descoperit la Râmnicu Vâlcea [The hoard of coins of the Roman Republic discovered at Râmnicu Vâlcea]. *SCN* 12 (1997, publ. 1998) pp. 7-13 illus. French summary.

The hoard, discovered in a clay pot in 1968 north of the modern city near the hill of Cetățuia, the site of a Getic fortress, consists of 43 denarii from 117/116 to 46 B.C. (based on Crawford's chronology). Their burial was probably due to the troubles at the end of the reign of Bourébista.
(*Gh. Poenaru Bordea*)

289 EASSON, ALISON HARLE. *Roman Republican Coins in the Royal Ontario Museum*. Toronto, Royal Ontario Museum 1998. 88 pp. ISBN 0-88854-428-6.

The catalogue includes all of the museum's Roman Republican coins as well as certain issues of the imperial period in the collection not listed in Crawford, specimens of aes rude, Italic cast bronze issues and issues from the Social War. In total, 534 bronze pieces and coins are published.
(*Author*)

290 EPHEL, H. and D. AMIT. *Refuge Caves from the Time of Bar Kokhba*. Tel Aviv, Eretz Publications 1998. 244 pp. illus. In Hebrew.

Finds in these caves include substantial numbers of coins, mainly issues of Bar Kokhba and Roman silver.
(*Arnold Spaer*)

291 FAEDO, LUCIA. Teodosio, Temistio e l'ideologia erculea nella *Nea Rome*. *MDAI(R)* 105 (1998) pp. 315-28 illus.

The paper is illustrated by the rev. of a bronze medallion of Commodus depicting the emperor sacrificing before Hercules. The god is leaning on his club adorned by the skin of the Nemean lion.
(*Hans R. Baldus*)

292 FILIPOVA, SVETOSLAVA. Kolektivna nahodka ot rimski moneti ot IV vek [A hoard of Roman coins from the 4th century]. *Studia Numismatica* 3 no. 1-2 (Sofia 1998, publ. 1999) pp. 27-33.

293 FREIGANG, YASMINE. Die Grabmäler der gallo-römischen Kultur im Moselland - Studien zur Selbstdarstellung einer Gesellschaft. *Jb RGZM Mainz* 44 no. 1 (1997, publ. 1998) pp. 277-440 illus.

On Roman sepulchral reliefs, particularly of the Mosel region, men are often shown holding either a pack of writing-tablets (codex) or a money-bag (marsupium) as a sign of their commercial activities (p. 310).
(Hans R. Baldus)

294 GALIFI, CATERINA. *Ritrovamenti monetali di età romana nel Veneto. Provincia di Belluno. Feltre*. Padua 1998. 260 pp. illus.

This volume is devoted to a systematic review of information on finds of Roman coins in the territory of Feltre.
(A. Carignani)

295 GARCIA-BELLIDO, M.P. Los ámbitos de us y la función de la moneda en la Hispania republicana. *Actas III Congreso Hispano-italiana, de Toledo 1993* (1998) pp. 177-207.

296 GARCIA-BELLIDO, M.P. and E. PETAC. Contramarcas y sellos de la Legio X en Hispania y en Moesia o Romania. *ArchEspArq* 71 (1998) pp. 257-61.

297 GĂZDAC, CRISTIAN. Il tesoro monetale romano imperiale Apulum I ricercato di nuovo. *Ephemeris Napocensis* 6 (1996) pp. 135-61 illus.

The hoard was discovered in 1867 and published in 1872. The author identifies (according to *RIC* I-III) the 610 denarii ranging from Nero to Commodus (the latest is from 185) and also publishes two drachms from Lycia under Trajan and Amisus under Hadrian.
(Gh. Poenaru Bordea)

298 GĂZDAC, CRISTIAN. A lead mold from Ulpia Traiana Sarmizagetsa. *Pontica* 30 (1997, publ. 1998) pp. 351-53 illus.

A lead mold after a reverse of a sestertius of Lucius Verus, struck at Rome between December 161 and December 162 (*RIC* III p. 318 nos. 1308-1311) was discovered during the archaeological campaigns of 1995-97. (Gh. Poenaru Bordea)

299 GÖKYILDIRIM, TURAN. The Excavation Coins Found on the Necropolis of İncegiz-Maltepe and an Unpublished Coin of Perinthus. *AN* 3 no. 11 (September 1993) pp. 223-26 illus.

The author presents 30 coins from the 3rd century B.C. to the Ottoman period. One of these of the mint of Perinthus with portraits of Claudius on the obverse and Agrippina on the reverse updates *RPC* no. 2100. *(Novella Vismara)*

300 GOKYILDIRIM, T. The Results Obtained from the Study of the Coins of the 1992-1993 Year Incegiz/Maltepe Excavation. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 28-38. Text in Turkish and English.

301 GOMES, A. *Moedas do território português antes da fundação de nacionalidade (Hispano-romanas)*. Lisbon, Associação Numismática de Portugal 1998. 96 pp.

302 GOMES MARQUES, M. Ocultação de tesouros durante a conquista de noroeste de Hispania pelos romanos. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 29-56.

303 GRIGOROVA, VALENTINA. Neue Beiträge zur Erforschung der Münzprägung von Pautalia. *AN* 8 no. 29 suppl. 12 (March 1998) pp. 1-36 illus.

This is a historical and numismatic discussion of the Roman provincial coinage of the Thracian mint of Pautalia. *(Novella Vismara)*

304 GUIDO, FRANCESCO. Rinvenimento di monete dell'Impero romano in località "Su Gorroppu" (Orgosolo, Nuoro). *AN* 5 no. 18 (June 1995) pp. 374-88 illus.

The author publishes 62 silver and bronze coins from Antoninus Pius to Valentinian III. *(Novella Vismara)*

305 GUIDO, FRANCESCO. Parte di un ripostiglio di folles da S. Teresa di Gallura. Parte I. *AN* 6 no. 22 (June 1996) pp. 48-91 illus.

This first part of this hoard extends from Maximinus to Maxentius.

(Novella Vismara)

306 GUIDO, FRANCESCO. Parte di un ripostiglio di folles da S. Teresa di Gallura. Parte II. *AN* 6 no. 23 (September 1996) pp. 505-13 illus.

The second installment discusses coins from Maxentius to Constantine I.

(Novella Vismara)

307 GUIDO, FRANCESCO. Monete vandale dall'altopiano della Giara di Genoni (Nuoro). *AN* 8 no. 29 (March 1998) pp. 659-63 illus.

The author publishes 67 bronze coins from archaeological excavations in Genoni (Sardinia) from the Roman Republic to Hilderich. (Rodolfo Martini)

308 GUSHTERAKLIEV, RADOSLAV. Provintsialni bronzovi moneto-sechenija v Thrakija i Dolna Mizija s izobrajenija na Helios [Provincial bronze coinage from Thrace and Lower Moesia with portraits of Helios]. *Studia Numismatica* 2 no. 2-4 (Sofia 1997, publ. 1999) pp. 20-26 illus.

309 GUSHTERAKLIEV, RADOSLAV. Moneti na Filipopol [Coins of Philippopolis from the hoard of the village of Malinovo, region of Lovetch]. *Studia Numismatica* 3 no. 1-2 (Sofia 1998, publ. 1999) pp. 15-26 illus.

310 GUZZETTA, GIUSEPPE. La circolazione monetaria in Sicilia dal IV al VII secolo d.C. *BollNum* 25 (1995) pp. 7-30.

The author reviews the main evidence for coin circulation in Sicily in the period between the 4th and 7th centuries A.D. The examination, completed with particular reference to the eastern region of the island, richest in finds, contributes to the history of individual settlements and provides a better understanding of commerce between Sicily and the various imperial provinces. (A. Carignani)

311 HANNAH, ROBERT. Games for Mars and the Temples of Mars Ultor. *Klio* 80 no. 2 (1998) pp. 422-33 illus.

The author posits that not a single temple but a number of shrines was erected to Mars Ultor by Augustus after 20 B.C., one of which was built on the Capitoline hill and was depicted on coins of the emperor. (Hans R. Baldus)

312 HARHOIU, RADU. Die Schatzfunde von Himleul Silvaniei (Rumänien), Teil I. *Das Altertum* 43 no. 3 (1997) pp. 219-43 illus.

Part of the hoard(s), found in 1797 and 1889, from Himleul Silvaniei (formerly: Szilágyszomlyó) were 15 Roman gold medallions of the 4th century A.D. and contemporary imitations (descriptions pp. 228 sqq.), some of which are illustrated (fig. 6-8, varying diminutions). (Hans R. Baldus)

313 HIRSCHFELD, Y. The Fountain of Fertility at Ramat Hanadiv. *Qadmoniot* 31 no. 2 (116) (1998) pp. 109-16. In Hebrew.

A hoard of about 2100 copper coins, mainly of the 4th-6th centuries A.D., was found during excavations of this fountain situated near the coast about midway between Haifa and Tel Aviv. It is suggested that these coins were thrown into the fountain by visitors for good luck. (Arnold Spaer)

314 IRELAND, STANLEY. Some groups of Roman coins in Amasya Museum, Turkey. *NC* 158 (1998) pp. 295-96.

315 JACOBELLI, LUCIANA. Tessere numerali bronzee romane nelle Civiche Raccolte Numismatiche del Comune di Milano (Tessere con ritratti imperiali, spintriae, tessere con raffigurazioni diverse). Parte II. Considerazioni storico-artistiche. Serie iconografiche. *AN* 7 no. 28 suppl. 10 (December 1998) pp. 1-28 illus.

316 Jahresbericht des Römisch-Germanischen Zentralmuseums, Forschungsinstitut für Vor- und Frühgeschichte, 1997. *Jb RGZM Mainz* 44 no. 2 (1997, publ. 1998) pp. 611-782 illus.

On pp. 716 ff. is a report on the museum's collection of about 300 Roman imperial coins with depictions of ships, built up since 1995. Beginning on p. 759 is a report on ca. 25 contorniates from the 4th and 5th century A.D. acquired by the museum in 1997, 6 of which are illustrated (fig. 26). (Hans R. Baldus)

317 KISSEL, THEODOR. Rückblicke in die antike Welt: 13. Januar 27 v. Chr. *Antike Welt* 30 no. 1 (1999) pp. 79-80 illus.

The 'restitution' of the Roman res publica by the emperor Augustus is illustrated by the rev. of an aureus, struck in 12 B.C. by C. Lentulus. (Hans R. Baldus)

318 KLOSE, DIETRICH O.A. Zur Entstehung der Preiskronen. Das Beispiel der Aktischen Spiele. *JNG* 47 (1997) pp. 29-46.

The author shows that the agonistic crowns shown on Greek Imperial coinage in different periods were developed from wreaths. This can be seen especially in the prizes for victories in various Actian games, which always kept the pointed reed as a characteristic decoration. (Gerd Stumpf)

319 KOLEV, KAMEN. Das Trimontium-Motiv auf den antiken Münzen von Philippopolis. Ulrike Peter, ed. *Stephanos nomismatikos. Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 351-68 illus.

320 KRAMER, HEINZ JOSEF. Der Fund von Xanten (Tuschen). *AN* 4 no. 15 (September 1994) p. 320.

Two coins of Augustus and Severus Alexander found during archaeological excavations in Xanten are discussed. (Novella Vismara)

321 KRENGEL, ELKE. Das sogenannte "Horn" des Elagabal—Die Spitze eines Stierpenis. Eine Umdeutung als Ergebnis fachübergreifender Forschung. *JNG* 47 (1997) pp. 53-72.

The slightly bent, long object affixed to the emperor Marcus Aurelius Antoninus' radiate crown or laurel wreath in his imperial coinage is not a horn, as Cohen first surmised in 1859 based on the resemblance to certain representations of Hellenistic rulers. It is a bull's penis, which had a highly religious symbolic value. In the sequence of the emperor's subsequent loss of power, the symbol vanishes from his coinage.
(Gerd Stumpf)

322 KRUMEICH, RALF. Darstellungen syrischer Priester an den kaiserzeitlichen Tempeln von Niha und Chehim im Libanon. *MDAI(D)* 10 (1998) pp. 171-200 illus.

Roman coins of Elagabalus (218-222 AD) depicting the emperor sacrificing to the Emesene sun-god and holding a branch in his arm/hand are compared with other representations of orientals holding twigs or branches.
(Hans R. Baldus)

323 KÜNZL, SUSANNA. Antonia Minor—Porträts und Porträttypen. *Jb RGZM Mainz* 44 no. 2 (1997, publ. 1998) pp. 441-95 illus.

The numismatic iconography of Antonia II, mother of the emperor Claudius, is sketched from Roman and local Eastern issues on pp. 444-50 (pl. 47).
(Hans R. Baldus)

324 KUSHNIR-STEIN, A. An Inscribed Lead Weight from Ashdod: A Reconsideration. *ZPE* 105 (1995) pp. 81-84 illus.

An inscribed lead weight found in Ashdod had been assigned to the time of Vespasian. According to the author, the inscription actually reads "in the time of Herod, Pious and Friend of Caesar."
(Author)

325 LAZAROV, LATCHEZAR. *Tsirkulatsija i trezorirane na kolonial-nite moneti s po dva obraza na aversa. Vuv vrazka s nahodkata ot s. Slaveykovo, Provadijsko* [Circulation and burial of Roman provincial coins with two effigies on the obverse, in connection with the coin hoard from the village of Slaveykovo, Provadia area]. *Studia Numismatica* 1 no. 3-4. Sofia 1996. 48 pp. illus.

326 LENZI, FIAMMA and MARIA LUIGIA PAGLIANI. *Le monete antiche della collezione Venturini di Massa Lombarda*. Ravenna, Longo Editore 1997. 103 pp. illus.

The authors publish 292 coins, mostly Roman Republican and imperial. They range from coins of Magna Graecia (late 4th century B.C.) to a bronze of Heraclius from the first half of the 7th century A.D. (A. Carignani)

327 LEYPOLD, FRANZ. Seltene Provinzialbronzen aus Ephesus. *MÖNG* 38 no. 2 (1998) pp. 32-34 illus.

Eight rare provincial bronzes of Ephesus are described. They date to Antoninus Pius, Marcus Aurelius, Lucius Verus, Caracalla, Macrinus and Elagabalus. (Günther Dembski)

328 LIATI, ARMANDO. Note su varianti inedite di denari romani repubblicani. I. 1. Cn. Lucretius Trio (*CRA* 237/1). *AN* 5 no. 17 (March 1995) p. 363 illus.

The author publishes a previously unknown variant with the obverse legend TRI instead of TRIO. (Novella Vismara)

329 LIATI, ARMANDO. Note su varianti inedite di denari romani repubblicani. II. 2. D. Postumius Albinus (*CRA* 450/1a). *AN* 5 no. 17 (March 1995) p. 363 illus.

The author publishes a previously unknown variant, with an unusual shape of the shield on the reverse, of the Postumius Albinus coin type. (Novella Vismara)

330 LOFFREDA, S. Coins from the Synagogue of Capharnaum. *LibAnn* 47 (1997) pp. 223-44.

During excavations of this site on the north shore of the Sea of Galilee during the period 1969-81, more than 24,000 Roman copper coins dating mainly to the period after A.D. 350 were found. The article deals with two basic questions: 1. From which stratigraphic context do these coins come? 2. What archaeological evaluation has been proposed? The author deduces that the monumental synagogue at the site was built in the 5th century A.D. (Author)

331 LÖNNQVIST, K. A Re-Attribution of the King Herod Agrippa I "Year 6" Issue. *LibAnn* 47 (1997) pp. 429-40.

The author propounds the view that the above series (*BMC* – Palestine nos. 1-19) were issued by Agrippa II possibly in Caesarea in A.D. 66/67. He bases his arguments *inter alia* on the large number of these coins, the dates of relevant hoards and coins excavated, as well as on denomination and fabric. He surmises that Agrippa II was permitted to issue these coins by the Romans as a reward for his loyalty to them. (Arnold Spaer)

332 LOPEZ SANCHEZ, F. Entre cielo y tierra, neoplatismo en los reversos monetarios romanos, siglos IV-V dC. *GacNum* 130 (1998) pp. 7-22.

333 LUIK, MARTIN. Die römischen Militäranlagen der Iberischen Halbinsel von der Zeit der Republik bis zum Ausgang des Prinzipats - Ein Forschungsüberblick. *Jb RGZM Mainz* 44 no. 1 (1997), publ. 1998) pp. 213-75 illus.

In this survey of research about Roman military sites on the Iberian peninsula, the author also presents information about the coins found in these 34 castra.

(Hans R. Baldus)

334 LUKIĆ, HERMINA. Nalazi rimskog novca s donjogradskog Pristaništa u Osijeku [Finds of Roman coins from Pristanište in Osijek's lower city]. *Osječki zbornik* 18-19 (1987) pp. 77-87 illus. English summary.

The author describes and illustrates 53 coins dating from the late 1st century B.C. to the late 4th century, found during 1961 road construction. The earliest piece is a Marc Antony legionary denarius of 31 B.C.

(Charles B. Smith, Jr.)

335 LUKIĆ, HERMINA. Nalazi rimskog novca u Donjem gradu u Osijeku (Zaštitna arheološka istraživanja 1982.-1986.) [Finds of Roman coins in the Lower City in Osijek (Conservational archaeological excavations 1982-1986)]. *Osječki zbornik* 20 (1989) pp. 53-82 illus. German summary.

The results of archaeological investigations undertaken on sites designated for apartment building construction are published. The author describes 127 coins (65 illustrated) from 23 B.C. to ca. A.D. 392, each linked to the site at which found. A plan of the construction area is included.

(Charles B. Smith, Jr.)

336 MACCHI, SERGIO. Gli aurei "lombardi" di Bruto. *AN* 8 no. 29 (March 1998) pp. 664-65 illus.

337 MADZAROV, KONSTANTIN. Unpublizierte Münztypen der Prägesstätte Augusta Traiana. Ulrike Peter, ed. *Stephanos nomismatikos. Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 441-48 illus.

338 MARTINI, RODOLFO. Una falsificazione di una "4 siliquae" in piombo di Constantius della zecca di Constantinopolis. *AN* 3 no. 11 (September 1993) pp. 227-28 illus.

339 MARTINI, RODOLFO. Monetazione provinciale romana. I. Sicilia. Aggiornamento I. *AN* 4 no. 14 (June 1994) pp. 288-94 illus.

The author publishes 31 Roman Sicilian coins from public and private collections or auction sale catalogues, updating scholarship on Sicilian Roman provincial coinage.
(*Novella Vismara*)

340 MARTINI, RODOLFO and NOVELLA VISMARA. *Quadranti anonimi imperiali del Gabinetto Numismatico di Locarno*, AN 5 no. 20 suppl. 6 (December 1995). 24 pp. illus.

The authors publish 72 coins and discuss their chronology. (*Novella Vismara*)

341 MARTINI, RODOLFO. Nuova nota a conferma della falsità dell'"aureo" di Octavianus / Further confirmation that the Octavian "aureus" is false. AN 6 no. 21 (March 1996) pp. 465-67.

The conclusions of a previous discussion (AN 5 pp. 94-95) are confirmed.

(*Novella Vismara*)

342 MARTINI, RODOLFO. "Sesterzio" di Augustus della zecca di Ephesus? Del lascito numismatico Carlo Rossi. AN 6 no. 22 (June 1996) pp. 499-500 illus.

The coin of Augustus, in the coin collection of Locarno, bears a new obverse legend(?) and updates *RPC*; previously this series, known from only one specimen, was considered a forgery.

(*Novella Vismara*)

343 MARTINI, RODOLFO. Un asse della serie del Divos Ivliivs di Octavianus con una contromarca graffita: L. VALERI. AN 6 no. 23 (September 1996) pp. 518-20 illus.

An unknown countermark on an as of Octavian of the Divos Ivliivs series is published.

(*Novella Vismara*)

344 MARTINI, RODOLFO. Tessere numerali bronzee romane nelle Civiche Raccolte Numismatiche del Comune di Milano (Tessere con ritratti imperiali, spintriae, tessere con raffigurazioni diverse). Parte I. Considerazioni numismatiche. Catalogo. AN 7 no. 27 suppl. 9 (September 1998) pp. 1-28 illus.

345 MARTINI, RODOLFO. Emissione duumvirale della colonia(?) di Tyndaris a firma dei legati(?) di Sextus Pompeius A. Pomponius M.f. Vic(tor) ed A. (Flaminius?) Flamma. AN 8 no. 29 (March 1998) pp. 666-70 illus.

346 MASTELLONI, MARIA AMALIA. Messina, Via dei Monasteri: da un ripostiglio inedito elementi per lo studio della serie di Sesto Pompeo.

Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina 6 (Messina 1997) pp. 95-118 illus.

From an unpublished hoard found at Messina in 1926 come approximately 100 coins from between the 2nd and 1st centuries B.C. Of particular interest are coins in the name of Sextus Pompey, present in the hoard in significant quantity.

(A. Carignani)

347 MASTELLONI, MARIA AMALIA. Quadrigati e monete romano repubblicane: nuovi dati. *Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina* 6 (Messina 1997) pp. 67-94 illus.

The author discusses Republican coins in the Museo Regionale di Messina. Particular attention is paid to five silver quadrigati from the Grosso Cacopardo collection.

(A. Carignani)

348 MENEGHINI, ROBERTO. L'architettura del Foro di Traiano attraverso i ritrovamenti archeologici più recenti. *MDAI(R)* 105 (1998) pp. 127-48 illus.

The paper is illustrated by the reverse of a sestertius of Trajan depicting a temple flanked by portici.

(Hans R. Baldus)

349 MERKELBACH, REINHOLD, SENCER HAHIN and JOSEF STAUBER. Kaiser Tacitus erhebt Perge zur Metropolis Pamphyliens und erlaubt einen Agon. *Epigraphica Anatolica* 29 (1997) pp. 69-74 illus.

The famous Greek inscription of A.D. 275/76 with multiple acclamations to Perge ("Auxe Perge, ..."; *Epigraphica Anatolica* 4, 1984, pp. 1 ff.) and its 'companion,' an epigram published here, are compared with contemporary coin-types of Perge (and Side) and with earlier cistophori.

(Hans R. Baldus)

350 MESHORER, Y. Coin Hoards from the Hebron Mountain Area. *The "Hebron Mountain Area"* (Kibbutz Movement 1970) pp. 67-69 illus. In Hebrew.

The author analyzes the composition of four Bar Kokhba hoards found in the southwest foothills of the Hebron area. Apart from the Bar Kokhba issues, these hoards contained provincial Roman silver of Antioch, Tyre, Caesarea in Cappadocia, and Bostra as well as local city coins over all of which the Bar Kokhba coinage was struck. None of the Roman and city coins were dated later than A.D. 131.

(Arnold Spaer)

351 MESHORER, Y. The God Pan Playing the Flute on a Coin Struck in Paneas. *Tazlil Forum for Music Research and Bibliography* 5 (Haifa, The Emily Museum and Library for Music 1971) pp. 76-77 illus. In Hebrew.

The author describes and illustrates a coin struck in A.D. 220 in the name of Julia Soemias. The reverse shows the god Pan playing a flute while leaning on a tree trunk, with a goat at his feet.
(Arnold Spaer)

352 MESHORER, Y. A Musical Theme on a Jewish Coin of Agrippa II. *Tazlil Forum for Music Research and Bibliography* 10 (1979) pp. 126-28 illus. In Hebrew.

A recently discovered coin of Agrippa III struck at Paneas and dated Year 27 (A.D. 83) shows the heads of Titus and Domitian on the obverse and the flute-playing god Pan on the reverse.
(Arnold Spaer)

353 MESHORER, Y. The Coins of Ascalon. *Ascalon* 1 (Society for the Heritage of Ascalon 1990) pp. 242-62 illus. In Hebrew.

This is an illustrated outline of the coins of Ascalon from the Persian to the Roman period.
(Arnold Spaer)

354 METLICH, MICHAEL. No new class of Constans II folles. *NCirc* 106 (1998) p. 389 illus.

The author argues that the identification of a new class of Contans II folles by Tony Goodwin (*NCirc* 106 (1998) p. 55) is based upon a misreading of the coins concerned.
(Martin Allen)

355 MINKOVA, MARIANA. Sakrovishte ot rimski moneti ot III-IV v. ot s. Arnautito, Starozagorsko [A Roman coin hoard from the middle of the 3rd to the begining of the 4th century from the village of Arnautito, district of Stara Zagora]. *Maritsa-Iztok. Archaeological Researches* II (Sofia 1994) pp. 213-20 illus.

356 MIRNIK, IVAN. Novac istočnog rimskog carstva u numizmatičnoj zbirci Arheološkog muzeja u Zagrebu [Coins of the Eastern Roman Empire in the numismatic collection of the Archaeological Museum in Zagreb]. *Vjesnik Arheološkog muzeja u Zagrebu* 28-29 (1995-96) pp. 159-228 illus. English summary.

The author catalogues and illustrates 411 gold, silver and bronze coins struck in both Eastern and Western imperial mints from Arcadius to Zeno (late 4th to 5th centuries) and virtually all found on the territory that was Pannonia.

(Charles B. Smith, Jr.)

- 357** MUNZI, MASSIMILIANO. I Nummi di Ricimero. *AN* 5 no. 20 (December 1995) pp. 429-33 illus.

The author presents two new coins from excavation of the Basilica di Santa Generosa, and a general discussion of finds of Ricimerian nummi. (*Novella Vismara*)

- 358** MUNZI, MASSIMILIANO. Quadranti anonimi e tessere monetali dalle tombe di Leptis Magna. *AN* 7 no. 26 (June 1997) pp. 589-93 illus.

- 359** NOLLÉ, JOHANNES. Eine folgenreiche Bildungslücke: Marc Aurel und die Gesandten von Nikaia. *JNG* 47 (1997) pp. 47-52.

The author interprets a bronze coin type struck in Nicaea under Antoninus Pius. It bears the image of the astronomer Hipparchus, who was born there. The author refers to the episode reported by Aurelius Victor (41, 19 sq.), who tells us that Marcus Aurelius had punished the Nicaeans by imposing a special tribute of grain because the city's envoys had not known that the famous astronomer was a son of their city. This story is dated to the time when Marcus Aurelius was not yet Augustus. (*Gerd Stumpf*)

- 360** OCHEȘEANU, RADU. Un tezaur de denari romani republicani și imperiali descoperit la Aegyssus [A hoard of Republican and imperial denarii discovered at Aegyssus]. *SCN* 12 (1997, publ. 1998) pp. 15-26 illus. French summary.

The hoard, found at Tulcea and acquired in two lots by the Romanian Academy, consists of 28 Republican denarii from 207 to 32/31 B.C. (32.18%) and 59 imperial denarii (67.81%) from Augustus to Titus. The latest coins is from A.D. 80/81. Since the *terminus post quem* coincides with that of another hoard discovered at Adamclisi (Tropaeum Traiani) with a date of A.D. 80, this could indicate a barbarian invasion into Dobroudja. (*Gh. Poenaru Bordea*)

- 361** PAPASIMA, TUDOR. Descoperiri arheologice la Gura Canliei (jud. Constanța) [Archaeological excavations in Gura Canliei]. *Pontica* 30 (1997, publ. 1998) pp. 305-15 illus. German summary.

Two bronze coins were found in emergency excavations of two tombs. One is illegible, the other is an as of Vespasian from A.D. 73. (*Gh. Poenaru Bordea*)

- 362** PERA, ROSSELLA. Richiami tipologici romani nelle monete provinciali di Asia Minore. *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 57-69 illus.

- 363** PETER, MARKUS. Ein Antoninian des Pacatianus aus Kaiseraugst. *SM* 45 no. 178 (1995) pp. 33-35 illus.

364 PETER, MARKUS. Römische Numismatik in der Schweiz 1972-1997. Forschungsberichte zur schweizerischen Münz- und Geldgeschichte II. *SM* 48 no. 189 (1998) pp. 2-8.

365 PICCOTTINI, GERNOT. Kärnten-Österreich. Stampi per barre d'oro con marchio imperiale. *BollNum* 25 (1995) pp. 257-59 illus.

366 PINCOCK, RICHARD. The 'OCOCEB' Alexandrian tetradrachms of Gordian III. *NC* 158 (1998) pp. 236-43 illus.

This note reviews alternative explanations for an obverse legend on Alexandrian tetradrachms generally ascribed to a blunder by a die-cutter, and discusses the closer dating of these coins within the year 238. A die study of eight published examples showed that they were all produced from the same obverse die. It is concluded that the dating is within the few months when Gordian was Caesar, and that the unusual ending of the legend might be read as "the (grand)son of Sempronianus Augustus (Gordian I)."

(Author)

367 PITOTTO, PAOLO. Un esemplare di Mussidio Longo per Augusto e la zecca di Tindari. *AN* 6 no. 22 (June 1996) p. 494 illus.

The author publishes a new Augustan coin of Tyndaris struck by Mussidius Longus with traces of letters behind the head of Augustus.

(Novella Vismara)

368 POENARU BORDEA, GH. And PAUL I. DICU. Monede din secolele II-XII descoperite la Niculițel, jud. Tulcea [Coins of the 2nd-12th centuries discovered at Niculițel, Tulcea region]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 33-64 illus. French summary.

The authors publish 50 coins from a private collection, discovered by chance between 1961 and 1965, of which 37 are Roman imperial (Trajan to Julian Augustus) and 13 are Byzantine (Justinian I, Basil II and Alexis I). They also discuss local coin circulation from the 4th century B.C. to the 19th century, with a statistical analysis of 112 coins dating between 270 and 450 in the area of Dobroudja. (Gh. Poenaru Bordea)

369 POENARU BORDEA, GH. Monede [Coins]. Alexandru Suceveanu, *Fântânele. Contributii la studiul vieții rurale în Dobrogea romană* [Fântânele. Contributions to the study of rural life in Roman Dobroudja] (Bucharest, Editura Academiei Române 1998) pp. 191-216 illus. French summary.

This is the detailed publication of 33 coins discovered between 1978 and 1983 during archaeological excavations in different areas of the modern town. There are four coins of the High Empire: an issue of Tomis of Marcus Aurelius Caesar and three of Julia Domna, Caracalla and Julia Mamaea. The 28 coins of the late empire

range from 29-99 to 364-78. The latest is a Byzantine coin of Maurice Tiberius (586/87). (Author)

370 POPILIAN, GHEORGHE. Câteva considerații cu privire la tezaurul de la Vârtop, jud. Dolj [Some considerations on the hoard of Vârtop, Dolj region]. *ArhivOlteniei* 13 (1998) pp. 43-70 illus. French summary.

The author studies the coins from the hoard of Vârtop (52 denarii from Trajan to Gordian III and an antoninianus of Gordian III), 16 of which are forgeries: Septimius Severus (2), Elagabalus (6), Alexander Severus (8). The latest coins is an issue of A.D. 241. (Gh. Poenaru Bordea)

371 RAMAGE, E. S. Augustus' Propaganda in Spain. *Klio* 80 no. 2 (1998) pp. 434-90.

Local and imperial coinages play an important role in the propaganda and are especially noted in Chapters I C (pp. 437-439) and II A 1 (pp. 455-458). (Hans R. Baldus)

372 RAŠKOVIĆ, DUŠAN. Nalazi rimskog srebrnog novca u širem okruženju grada Kruševca [Finds of Roman silver coins in the broader surroundings of the city of Kruševac]. *Radionice i kovnice srebra* (Belgrade, Narodni muzej Beograd 1995) pp. 197-208. English summary. ISBN 86-7269-021-4.

The author catalogues the Parcani hoard, buried after A.D. 254, and gives general descriptions of eight other 3rd century finds. These are mapped and related to contemporary Roman agricultural estates and barbarian attacks.

(Charles B. Smith, Jr.)

373 RÉMY, BERNARD. Une monnaie rare de Lucius Aelius César de la collection Winsemann Flaghera. *AN* 3 no. 10 (June 1993) pp. 199-201 illus.

374 RÉMY, BERNARD, FLORENCE THOMÉ and JULIE DUTEL. Variantes rares ou inédites de monnaies de bronze des Flaviens dans les collections de la Bibliothèque Municipale de Grenoble (France). *AN* 8 no. 31 (September 1998) pp. 710-14 illus.

The authors publish eight previously unknown Flavian coins. (Rodolfo Martini)

375 RIPOLLÈS, P.P. Dos falsificaciones de monedas provinciales romanas: Ilici e Italica. *AN* 5 no. 17 (March 1995) pp. 354-57 illus.

The author presents two modern imitations, with countermarks on the obverses: Ilici with an illegible countermark, and Italica with TI(AV). (Novella Vismara)

376 RIPOLLES, PERE-PAU and MANUEL GOZALBES. The Les Alqueres hoard of Antoniniani. *NC* 158 (1998) pp. 63-77 illus.

In 1947 a hoard of 144 antoniniani, from Gordian III to a coin of Gallienus struck ca. 265, was found during clay excavation work on the Sec de Betxi river (Castellon, Spain). The presence of eastern coins, relatively scarce in the West, and the historical context are discussed. (Authors)

377 RIPOLLES, P.P., A. BURNETT and M. AMANDRY. *Roman Provincial Coinage, Supplement I*. London and Paris 1998. 60 pp.

378 RODRIGUES MÁRINHO, J. As moedas hispano-romanas do território português – achados recentes e algumas considerações. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 21-28.

379 ROHMANN, JENS. Die spätantiken Kaiserporträts am Konstantinsbogen in Rom. *MDAI(R)* 105 (1998) pp. 259-82 illus.

Two different types of imperial portraits can be seen on the arch of Constantine. By comparison with contemporary coins the second emperor is identified as Licinius I, not Constantius I Chlorus. (Hans R. Baldus)

380 ROMEO, ILARIA. *Ingenuus Leo. L'immagine di Agrippa. Xenia Antiqua, Monografie 6*. Rome, L'Erma di Bretschneider 1998. 227 pp. illus.

The first chapter of this work discusses the provincial and urban issues connected to this important member of the Augustan circle. (A. Carignani)

381 ROXAN, MARGARET M. and PETER WEISS. Die Auxiliartruppen der Provinz Thracia. Neue Militärdiplome der Antoninenzeit. *Chiron* 28 (1998) pp. 371-420 illus.

On p. 393 a coin of Philippopolis (Marcus Aurelius, 161-180 A.D.) is illustrated and discussed. On this rare piece the imperial legate bears the additional title APOD(...) UPA(...) (= consul designatus). (Hans R. Baldus)

382 SAVIO, ADRIANO, TOMMASO LUCHELLI and VINCENZO CUBELLI. *Katalog der alexandrinischen Münzen der Sammlung Dr. Christian Friedrich August Schleddehaus im Kulturgeschichtlichen Museum Osnabrück/Catalogo delle monete alessandrine della collezione dott. ... Schleddehaus nel ... Osnabrück. Band 3/Volume III, Die Münzen des 3. Jahrhunderts/Monete del III secolo (Septimius Severus - Domitius Domitianus). Osnabrücker Kulturdenkmäler ... Band 7/Volume VII*. Bramsche, Rasch Verlag 1997. 307 pp. illus. ISBN 3-932147-27-8.

This is a fully illustrated catalogue (with commentary in German and Italian) of nos. 1623-2398 (i.e. 3rd century A.D.) of the important collection of Alexandrian coins at Osnabrück, to be published in 3 further volumes. (Hans R. Baldus)

383 SCHEIBLER, INGEBORG. Zu den Bildinhalten der Klapptürbilder römischer Wanddekorationen. *MDAI(R)* 105 (1998) pp. 1-20 illus.

The group of Apollo and the Muses on a Hadrianic bronze medallion is derived from a late Hellenistic prototype. (Hans R. Baldus)

384 SCHIERING, WOLFGANG. Glas für eine Göttin. Zum Gewand einer klassischen Kolossalstatue (Nike?) in Olympia - Ein Beitrag zu experimenteller Archäologie. *Antike Welt* 30 no. 1 (1999) pp. 39-48 illus.

The famous colossal statue of Zeus by the sculptor Phidias is illustrated by a Hadrianic coin of Elis-Olympia reflecting the monument. (Hans R. Baldus)

385 SCHINDEL, NIKOLAUS. Vier spätrömische Kleinbronzen aus Privatbesitz. *MÖNG* 37 (1997) pp. 98-101 illus.

The author publishes four coins, three of which were purchased from a dealer in Jerusalem. They date from the mid-5th century A.D. (Günther Dembski)

386 SCHNEIDER, ROLF MICHAEL. Die Faszination des Feindes - Bilder der Parther und des Orients in Rom. J. Wiesehöfer, ed., *Das Partherreich und seine Zeugnisse. Historia Einzelschriften* 122 (Stuttgart, Steiner 1998) pp. 95-127 illus.

The paper is illustrated by Roman coins depicting Parthians or arches adorned by statues of them. (Hans R. Baldus)

387 ŠELDAROV, NIKOLA. Eden redok primerok od kovnicata Stobi [A rare example from the Stobi mint]. *Macedonian Numismatic Journal* 1 (1994) pp. 71-74 illus. English summary.

The well-preserved coin, a surface find at the Isar-Marvinci ruins on the River Vardar north of Gevelija, bears a radiate bust of Caracalla. The reverse shows a representation of Hermes, known elsewhere for Caracalla but not previously known for the Stobi mint. (Charles B. Smith, Jr.)

388 SERAFIN PETRILLO, PATRIZIA. Le monete, in Egnazia (Brindisi). Scavi 1966 sull'acropoli di Egnazia. *NscA* 391-39, 9th ser. Vol. 5-6 (1994-95, publ. 1996) pp. 196-204 illus.

The author publishes 78 coins, mostly bronze, found in excavations conducted in 1966 on the acropolis of Egnazia near Brindisi. Coins from Greece or Magna Graecia,

limited to small late Hellenistic coins of Naples, Tarentum and Metapontum, are rare. Roman coins first appear with asses of the Augustan period, with a greater abundance of late imperial and Byzantine coins. (A. Carignani)

389 SERNEELS-HOFSTETTER, MONIQUE. Découvertes de Chavornay (VD) en 1960: deux trésors de bronzes romains du III^e siècle. *SM* 48 no. 191 (1998) pp. 62-74 illus.

390 ŠKEGRO, ANTE. Rimski rudnički novac [Roman mine money]. *Opuscula archaeologica* 18 (1994) pp. 173-80. German summary.

The author summarizes published information on Roman "mine money," first issued under Augustus for mines in the Rio Tinto vicinity of Hispania. The earliest issues from the Balkans may be those found in the Blagaj-Japra region of northwestern Dalmatia (modern Bosnia), dated to Domitian through Antoninus Pius. Beginning with Trajan's reign, issues appeared connected with the mines of Upper Moesia (Dardania), Dalmatia, Pannonia and Noricum. The author gives inscriptions for 24 Balkan varieties and appends a bibliography of 53 works touching on these issues. (Charles B. Smith, Jr.)

391 STAFFIERI, GIOVANNI MARIA. Isis-Demetra-Sothis nella monetazione alessandrina. *AN* 8 no. 30 (June 1998) pp. 693-97 illus.

The author presents and discusses an Alexandrian bronze coin of Antoninus Pius. (Rodolfo Martini)

392 STANNARD, CLIVE. Two-headed and two-tailed denarii again. *AN* 5 no. 17 (March 1995) pp. 361-62 illus.

The author presents two new Republican coins and updates his article from *NC* 147 pp. 160-63. (Novella Vismara)

393 STANNARD, CLIVE. Tiberius right / globe and rudder. *AN* 7 no. 28 (December 1997) p. 628 illus.

394 STANNARD, CLIVE. A plated *denarius* brockage of L RVSTI. *AN* 8 no. 32 (December 1998) pp. 730-31 illus.

395 STEWARTBY, LORD. Early tetrarchic coins of London from the Market Stainton finds. *NC* 158 (1998) pp. 89-102 illus.

The author suggests that two finds of Roman coins made at Market Stainton, Lincolnshire, in 1915/16 and 1938/9, derive from a single hoard buried near the end of the third century. This contained many new varieties of the earliest London coinage of the first tetrarchy, including several with consular features. (Author)

396 TONDO, LUIGI. Le monete della Meloria. Gabriella Poggesi and Paola Rendini, eds., *Memorie sommerse. Archeologica subacquea in Toscana, Catalogo della Mostra, Monte Argentario 1997* (Florence 1998) pp. 38-45 illus.

The author comments on a hoard of ca. 3700 bronze coins found near Livorno in the early 1960s. The author proposes a date in the last years of the reign of Constans II (355-61), based on the presence of several coins of Julian Caesar and the absence of any of Julian Augustus. (A. Carignani)

397 TSOURTI, E. and CH. PAPAGEORGIADOU-BANIS. A Roman Hoard from Euboea. *MNHMH MARTIN JESSOP PRICE. Bibliotheca of the Hellenic Numismatic Society* 5 (Athens 1997) pp. 161-76.

The authors present and discuss a hoard from Vyra, Euboea (*RRCH* 129), now in the Numismatic Museum of Athens, of 95 denarii of the Roman Republic, mostly dated from the second half of the 1st century B.C. to 32/31 (M. Antony's legions). Four more coins are dated from the last quarter of the 2nd century B.C. (Mando Oeconomides)

398 VISMARA, NOVELLA. Nota su una falsificazione di un denario romano repubblicano. *AN* 3 no. 12 (December 1993) p. 248 illus.

399 VISMARA, NOVELLA. Monete romane contromarcate del Museo G.B. Adriani di Cherasco. Parte 1. Monete repubblicane contromarcate. *Quaderni Museo "G.B. Adriani"* 1 (Cherasco 1998) pp. 3-24 illus.

The author studies the characteristic techniques, typology and lexicon of countermarks on silver coins (denarii and victoriati) of the Republican period in the collection. The article includes 15 pieces ranging from 123 B.C. to Marc Antony. (A. Carignani)

400 VISONÀ, PAOLO. A Rare, Mis-struck Sestertius of Caracalla. *AN* 3 no. 12 (December 1993) pp. 243-45 illus.

401 VISONÀ, PAOLO and SUSANNE FREY-KUPPER. The Romanization of the *ager Bruttius* and the evidence of coin finds, part II. *SNR* 77 (1998) pp. 81-98 illus.

Part II of this study presents the archaeological evidence for the use of 4th- and 3rd-century Greek coins in late Hellenistic contexts at contrada Mella (Oppido Mamertina), an Italic settlement in southwestern Calabria which was continuously occupied ca. 200-50 B.C. An analysis of the coins found in these deposits in the first three seasons of excavation (1984, 1986-1987) indicates that bronze issues of Locri Epizephyrii, Rhegium, Syracuse, the Brettii, and the Mamertini circulated in quantity

at contrada Mella (ancient *Mamertion*?) at least until the mid-1st century B.C. Similar evidence from major centers in Bruttium also suggests that "old" Greek bronzes continued to be used after the end of the Hannibalic war, possibly reflecting the needs of a vibrant economy in the region during Romanization. (Authors)

402 WEDER, MARCUS R. Münzen und Münzstätten der gallisch-römischen Kaiser, Teil I. *SNR* 76 (1997) pp. 103-33 illus.

403 WEDER, MARCUS R. Münzen und Münzstätten der gallisch-römischen Kaiser, Teil II. *SNR* 77 (1998) pp. 99-126 illus.

This is a detailed critical review of H.-J. Schulzki's AGK. The author proposes several corrections and comments on many problems regarding the coinage of the Gallic emperors. (Markus Peter)

404 WEISER, WOLFRAM. Norice (vincas)! Ein neuer Airkus-Kontorniat. *MÖNG* 37 (1997) pp. 5-9 illus.

This coin comes from a private collection. The obverse bears the bust of Valentinian III (424-55) with corresponding legend, and on the reverse is a wagon with the legend NORICE ALIODROMOS MVSICVS. (Günther Dembski)

405 WEISER, WOLFRAM. Namen römischer Statthalter auf Münzen Kleinasiens. Corrigenda und Addenda zu Gerd Stumpfs Münzcorpus. *ZPE* 123 (1998) pp. 275-90 illus.

Corrigenda and addenda to G. Stumpfs list of governors in *Numismatische Studien zur Chronologie der römischen Statthalter in Kleinasien (122 v. Chr. - 163 n. Chr.)*, 1991, followed by some basic remarks about the use of governors' names or those of local magistrates on Greek imperials of Asia Minor. (Hans R. Baldus)

406 WEISER, WOLFRAM. Nomisma exitelon und nummi restituti. Die Währungspolitik des Traianus (98-117) in Realität und Fiktion. *ZPE* 125 (1999) pp. 233-42.

The author looks for an explanation why the emperor ordered to melt down and restrike old and worn Roman silver coins on the one hand and to strike gold and silver restitutions on the other. (Hans R. Baldus)

407 WIEGEL, D. RICHARD. The Anonymous Quadrantes Reconsidered. *AN* 8 no. 29 suppl. 11 (March 1998) pp. 1-24 illus.

The author discusses Roman anonymous quadrantes and proposes a new chronological arrangement. (Rodolfo Martini)

408 WINSEMANN FALGHERA, ERMANN. Contromarca punzonata inedita per Marcianopolis. *AN* 6 no. 21 (March 1996) pp. 454-57 illus.

The author publishes an unknown punched countermark (two letters, PI) on the obverse of a coin of the mint of Marcianopolis, Moesia Inferior, in the name of Gordian III.
(*Novella Vismara*)

409 WINSEMANN FALGHERA, ERMANN. Una contromarca inedita di Nerone su un dupondio(?) di Augusto della zecca di Antiochia all'Oronte. *AN* 8 no. 29 (March 1998) pp. 671-72 illus.

410 YABUR, Z. Beth She'arim "A." *Hadashot Arch* 108 (1998) pp. 35-38. In Hebrew.

A copper coin of Constantius II struck at Arles was found during excavations at this Lower Galilee site.
(*Arnold Spaer*)

411 YURUKOVA, JORDANKA. Un des exploits d'Héraclès dans une iconographie nouvelle. *Thracia* 11. *Studia in honorem Alexandri Fo* (Sofia 1995) pp. 393-96 illus.

For additional references to Roman numismatics, see the following abstracts:

General, nos. 1, 10, 12, 14, 21

Technology and Methodology, no. 49

Greek, nos. 62, 68, 100, 123, 148, 154, 172, 198

Near and Middle East, nos. 459, 467, 468.

BYZANTINE

412 ALADZOV, JIVKO. Novootkrita srednovekovna tesera ot vremeto na Vasilij II. [Medieval tessera from the time of Basil II]. *Numismatica et Sphraguistika* 4 (1995-1997) pp. 99-100 illus.

413 ALADZOV, JIVKO. Oloven medallion ot Karnobatskata krepost. [Lead medallion from the fortress at Karnobat]. *Numismatica et Sphraguistika* 5 no. 1 (1998, publ. 1999) pp. 102-3 illus.

414 BENDALL, SIMON. A hoard of hyperpera of John III Batatzes of Nicaea (1222-54). *NC* 158 (1998) pp. 324-27.

415 BENDALL, SIMON. A new Sicilian half-follis of Justinian II (AD 685-695). *NCirc* 106 (1998) p. 312 illus.

416 BENDALL, SIMON. A new silver coinage in the name of Anastasius I (AD 491-517). *NCirc* 106 (1998) pp. 390-91 illus.

417 BOJKOVA, BISTRA. Zlatna moneta na Honoria [Gold coin of Honoria]. *Numismatica et Sphragistika* 5 no. 1 (Sofia 1998) pp. 61-63 illus.

The author publishes a rare solidus of empress Honoria, a sister of Valentinian III, struck in Ravenna ca. A.D. 426. The coin is currently in the collection of the Bulgarian National Bank. (Author)

418 CALLEGHER, B. Un Ripostiglio di Monete d'Oro Bizantine della Sinagoga di Cafarnao. *Lib Ann* 47 (1997) pp. 329-38 illus.

A hoard of three solidi of Heraclius, two of Constans II and two semisses of Constans II was found, as well as two folles of Justin II. (Arnold Spaer)

419 DONALD, P.J. New finds of Byzantine silver from Carthage. *NCirc* 106 (1998) p. 357 illus.

420 EISENBERG, E. and R. OVADIAH. A Byzantine Monastery at Mevoh Modi'im. *Atiqot* 36 (1998) pp. 1-19. In Hebrew. English abstract on pp. 123-24.

On pp. 16-17, two 40-nummia pieces found during this excavation are described. The first is an undated issue of Justinian I struck at Constantinople; the second, which is illustrated, is of Heraclius alone struck at Cyzicus in Year 4. (Arnold Spaer)

421 GÖKYLDIRIM, TURAN. A coin of Byzantium dated to the 3rd century B.C. and a correction for the *corpus* of Schönert-Geiss. *AN* 6 no. 22 (June 1996) pp. 492-93 illus.

The author updates the Schönert-Geiss *corpus* of Byzantine coins with a correction in the interpretation of a magistrate name: IIYΘΘ. (Novella Vismara)

422 GRIERSON, PHILIP. Le dernie siècle de monnayage byzantin: problèmes et nouveautés. *Academie royale de Belgique: Bulletin de la Classes de Lettres* 6th ser. No. 9 (1998) pp. 99-123 illus.

The emperor John V has some title to be regarded as a monetary reformer, since after an unsuccessful attempt in the 1350s to replace his debased hyperpyron with a lighter florin of pure gold, he introduced in 1367 the heavy silver stavraton. Worth

half a notional gold hyperpyron, it dominated the currency down to the fall of Constantinople to the Turks in 1453. (Author)

423 GRIERSON, PHILIP. *Byzantine Coinage*. Washington, D.C. Dumbarton Oaks Research Library and Collection. 68 pp. illus.

This is the second, expanded edition of a brochure of 1982 having the same title. The additions are a chronological list of rulers, tables of the monetary systems of the empire at different periods, a glossary of numismatic terms, and a short history of the Dumbarton Oaks collection. This is a reprint from the 1993 *Comptes-rendus* of the International Numismatic Commission. (Author)

424 GUIDO, FRANCESCO. Ripostiglio di monete bizantine da Ruinas (Ozieri, SS). *AN* 4 no. 15 (September 1994) pp. 309-12 illus.

The author publishes 12 Byzantine coins from Tiberius II (578-82) to Leo V-Constantinus (813-20), all of which were chance finds near the Sardinian city of Ozieri. (Novella Vismara)

425 IVANIŠEVIĆ, VUJADIN and J. KONDIJANOV. Naodi na vizantinski folesi od krajot na X i XI vek vo Makedonija [Finds of Byzantine folles from the end of the 10th to the 11th century in Macedonia]. *Macedonian Numismatic Journal* 1 (1994) pp. 85-102 illus. English summary.

The authors catalogue 12 finds, listing coins in each by type (following the Dumbarton Oaks catalogue) and by location found, and draw conclusions regarding monetary circulation during the period covered. (Charles B. Smith, Jr.)

426 KONDIJANOV, JOVAN. Prilog za upadot na Kutigryte na teritorijata na Ilirik vo 540 gondina [A contribution on the Kotrigur incursion into the territory of Illyria in 540]. *Macedonian Numismatic Journal* 1 (1994) pp. 75-83 illus. English summary.

The author adds the Veles hoard of 50 early Byzantine coins (found in 1953 in Oreše-Veleško village) to five other hoards found in Macedonia and Serbia to review evidence dating the Kotrigur invasion to 538/39. Elements of the hoards also reflect a large coin issue to pay Byzantine troops moving into the area in 540/41 in response to the invasion. (Charles B. Smith, Jr.)

427 MADGEARU, ALEXANDRU. The Downfall of the Lower Danubian Late Roman Frontier. *RRoumaineHist* 36 nos. 3-4 (1997) pp. 315-36 illus.

This is an analysis of historic events from 573/74 to ca. 614 on the basis of archaeological and numismatic evidence. The downfall of the *limes* was a gradual process occurring in four stages: 576-86, 593-98, 602-4 and 614-26. The author offers a list of dated coins discovered in Dobroudja between 57/74 and 616/17, one for

the coins dated to the period from Tiberius II Constantine to Phocas, as well as a discussion of coin circulation. (Gh. Poenaru Bordea)

428 MANUCU ADEMEȘTEANU, GH. with I. DONOIU, I. POLL and S. APOSTOLESCU. Monede din colecția Ioan Donoiu descoperite în Dobrogea (sec. X-XIII) [Coins in the Ioan Donoiu collection discovered in Dobroudja]. *Pontica* 30 (1997, publ. 1998) pp. 355-69 illus. French summary.

The authors publish 94 Byzantine coins from John I (969-76) to Theodore I Lascaris (1208-22), some Latin and Bulgarian imitations of the 13th century, and a coin of the Bulgarian king Constantine Assen (1257-77). Some of these came from Constanța and Isaccea. (Gh. Poenaru Bordea)

429 MESHORER, Y. Byzantine Coins Minted in Jerusalem. *Jews, Samaritans and Christians in the Land of Israel in the Byzantine Period* (Yad Ben Zvi 1988) pp. 24-26 illus. In Hebrew.

The author describes two 40-nummia pieces struck in the name of Heraclius about A.D. 613/14 on the eve of the Persian conquest in Jerusalem. (Arnold Spaer)

430 MORRISSON, CÉCILE. La Sicilie byzantine: une lueur dans les siècles obscurs. *NumAntClas* 27 (1998) pp. 307-34 illus.

This article is devoted to a description of monetary activity in Sicily between the 7th and 9th centuries, including issues of the mint of Syracuse until its closing in 878.

(A. Carignani)

431 MUTAFOV, VASIL, ATHANAS KOICHEV and BONTCHO AZMANOV. Kolektivna nahodka ot Pomorie s bilonovi skifati ot XII vek, svarzana s monetosecheneto na tsar Teodor-Peter [A hoard of billon scyphates of the 12th century from Pomorie related to the king Theodor-Peter's coinage]. *Numismatica et Sphragistika* 4 (1995-97) pp. 127-53 illus.

432 NAHMIAS, K. Azor. *Hadashot Arch* 108 (1998) p. 77. In Hebrew.

Two Byzantine half folles, one mid-6th century and the other of Maurice Tiberius, were found at this site a few kilometers southeast of Tel Aviv. (Arnold Spaer)

433 OBERLÄNDER-TÂRNOVEANU, ERNEST. De la perperi auri "ad sagium Vicine" la pârpar—monedele de cont de origine bizantineo-balcanică în Tara Românească în secolele XIII-XIX. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 98-186. From Perperi Auri "Ad Sagium Vicine" to Pârpar—Money of Account of Byzantine-Balkan Origin in Valachia (Thirteenth to Nineteenth

Centuries). *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 97-182.

434 PENTCHEV, VLADIMIR. Kolektivna nahodka s bilonovi skifati ot sredata na XII v [A hoard of billon Byzantine scyphates from the middle of the 12th century]. *Numismatica et Sphragistika* 4 (1995-97) pp. 115-26 illus.

435 PENTCHEV, VLADIMIR. Dve vizantijski perpepi ot fonda na IM - Vidin [Two Byzantine hyperpyra from the collection of the Museum of History in Vidin]. *Numismatica et Sphragistika* 5 no. 1 (1998, publ. 1999) pp. 104-9 illus.

436 PENTCHEV, VLADIMIR. Kolektivna nahodka s vizantijski miliarenziji ot X-XI vek, namerena kraj selo Gigen, Nikopolsko [A hoard of Byzantine miliarenzia from the 10th-11th century, found in the neighborhood of the village of Gigen, Nikopol region]. *Numismatica et Sphragistika* 5 no. 1 (1998, publ. 1999) pp. 76-95 illus.

437 PHILLIPS, MARCUS and SUSAN TYLER-SMITH. A further parcel of Tripoli gros. *NC* 158 (1998) pp. 327-30.

438 PHILLIPS, MARCUS and SUSAN TYLER-SMITH. A sixth-century hoard of nummi and five-nummi pieces. *NC* 158 (1998) pp. 316-24 illus.

439 POENARU BORDEA, GH. and RADU OCHESEANU. Două monede de aur din colecția Muzeului de Istorie și Artă al Municipiului București [Two gold coins in the collection of the Museum of History and Art of the city of Bucharest]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 29-32 illus. French summary.

The authors publish two solidi struck by Zenon and Constantine VII and Roman II bought by the museum in 1961. Their precise provenance cannot be determined.

(Gh. Poenaru Bordea)

440 RISVAAG, JON ANDERS. Arne E. Holms bysantinske mynter til Trondheim [The byzantine coins of Arne E. Holm to Trondheim]. *NNUM* 4 (1999) p. 68-69. In Norwegian.

A gift of 392 Byzantine coins to the Coin Cabinet of the University Museum of Trondheim, Norway, is described.

(Jens Christian Moesgaard)

441 SOMMER, ANDREAS U. Einige neue reduzierte Solidi des 6. und 7. Jahrhunderts. *SM* 46 no. 181 (1996) pp. 2-10 illus.

442 SOMMER, ANDREAS U. Reduzierte Solidi des 6. und 7. Jahrhunderts: Nachträge und Zusätze. *SM* 47 no. 187 (1997) pp. 6-9 illus.

443 TEKİN, OĞUZ. Byzantine Coins from Yumuhtepe. Including a head seal. *Anatolia Antiqua* 6 (1998) pp. 273-78.

The author discusses Byzantine coins and a lead seal found during the excavations carried out by a Turkish team. (Author)

444 TEKİN, OĞUZ. Küstüllü Hoard of Byzantine Solidi. *Anatolia Antiqua* 6 (1998) pp. 279-85.

The hoard contains 48 solidi from the 6th and 7th centuries. (Author)

445 TORBATOV, SERGEY. Rannovizantijsko zlatno monetno sakrovishte ot Zaldapa (provintsija Skithija) [Coin hoard of the high Byzantine period from Zaldapa (province of Scythia)]. *Numismatica et Sphragistika* 5 no. 1 (Sofia 1998) pp. 64-69 illus.

A dispersed 6th century hoard, found in Dobrudja region, northeastern Bulgaria, is published. The analyzed part consists of 6 solidi (Justin II-3; Tiberius Constantine-2; Maurice Tiberius-1), 7 tremisses (Justinian I-1; Justin II-1; Tiberius Constantine-4; Maurice Tiberius-1) as well as 3 lead weights (exagia) equal to 3 solidi, 1 solidus and 1 tremis. The latest coins are struck ca. A.D. 583/84 and the burial date is placed at that time. (Author)

446 VLADIMIROVA-ALADZOVA, DOCHKA. Varvarskite nashestvija v provintsija Dolna Mizija prez V vek (Po numizmatichni danni). [Barbarian attacks in the province of Lower Moesia in the 5th century (based on numismatic evidence)]. *Numismatica et Sphragistika* 4 (1995-97) pp. 81-92.

447 VLADIMIROVA-ALADZOVA, DOCHKA. Numismatic Evidence about the Barbarian Invasions into the Province of Lower Moesia during the 5th century. Ulrike Peter, ed. *Stephanos nomismatikos. Edith Schönert-Geiss zum 65. Geburtstag* (Berlin 1998) pp. 643-48.

448 VLADIMIROVA-ALADZOVA, DOCHKA. Oshte za varvarskite imitatzij v monetnoto obrashtenie prez VI vek [Barbarian imitations in coin

circulation of the 6th century, once more]. *Numismatica et Sphragistika* 5 no. 1 (1998, publ. 1999) pp. 71-75 illus.

449 WALLACH, Z. Ascalon, El Jura. *Hadashot Arch* 108 (1998) p. 163. In Hebrew.

Byzantine copper coins dating to the end of the 6th century were found in a tomb excavated at this coastal site. (Arnold Spaer)

450 YORDANOV, IVAN. Pechati na potomtsite na tzar Ivan Vladislav (1016-1018) vav Vizantija [Seals of the descendants of Ivan-Vladislav (1016-1018) in Byzantium]. *Archeologija* 38 no. 4 (Sofia 1996) pp. 7-22 illus.

451 YORDANOV, IVAN. Pechatite na Vasilij Apokap ot vtorata polovina na XI vek [The Seals of Basil the Apocapes from the second half of 11th century]. *Numismatica et Sphragistika* 4 (1995-97) pp. 106-14 illus.

452 YORDANOV, IVAN. Pechati na Joan Kegen, magistar i arhont na Pechenegija (1050-1051). [A Seal of John Kegenos, magister and archon of Patzinageia (A.D. 1050-1051)]. *Numismatica et Sphragistika* 5 no. 1 (Sofia 1998, publ. 1999) pp. 96-101 illus.

For additional references to Byzantine numismatics, see the following abstracts:

General, nos. 10, 21

Greek, no. 100

Roman, nos. 256, 368, 369

Near and Middle East, nos. 459, 468

Western and Central Europe, nos. 537, 547, 568.

NEAR AND MIDDLE EAST

453 AL-'AJJĀBĪ, HĀMID. *Jāmi 'al-maskūkāt al-'arabiyya bi-lfrīqiyya., Part II.* Tunis: al-Ma'had al-Waṭanī li'l-Turāth 1996. 328 pp. illus.

This volume covers the coinage of the Husaynid Beys of Tunis, from 1705 to the establishment of the republic in 1957, with an introduction of 92 pages, a catalogue of issues, indices of names and a bibliography. (Michael L. Bates)

454 AL-ṬARĀWANAH. KHALAF FĀRIS NAJĪJ and NĀHID 'ABD AL-RAZZĀQ DAFTAR. *al-Maskūkāt wa-Qirā'at al-Ta'rīkh* [Coins and the

Reading of History]. Amman, Yarmouk University Press 1994. 132 pp. illus.

The authors describe the principles of monetary exchange and the history of coinage, particularly in the Near East, from ancient times through the Umayyad and Abbasid caliphates. The operation of mints, the issuance, and the circulation of coins in the era of the caliphates are discussed. (Michael L. Bates)

455 ARTUK, C. and I. Epithets granted to cities according to their coinage. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 55-59. Text in Turkish and English

456 BROOME, M. The "Sun and Lion" Dirhams of the Seljuq Sultan Kay Khusru II. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 93-103. Text in Turkish and English.

457 BULGARU, M.A. Sur les ateliers monétaires Ottomans aux XIIe-XVIIe siècles. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 267-81. Text in Turkish and French.

458 CAYIRDAG, M. The 625 AH Dated Lead Seal of 'Ala'-ad-Din Kay-Qubadh I and his 625 AH Dated Coins. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 70-82. Text in Turkish and English.

459 COGAN-ZAHAVI, E. Lod (B). *Hadashot Arch* 108 (1998) pp. 90-92. In Hebrew.

Of the eight coins found, one was of Hadrian, one a Byzantine-Arab issue, and 5 were Islamic coins. (Arnold Spaer)

460 DILER, O. The Coins that Salghurids have Minted in the Name of Ilkhanids. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 145-64. Text in Turkish and English.

461 DJAPARIDZE, G.I. Kartuli monetebi arabuli zedçerilebit (Davit V-is spilendzis monetebi) [Georgian Coins with Arabic inscriptions (Copper coins of Davit V)]. *Sakartvelos ssr mecnieribata akademikis macne. Istoris,*

arkeologīs, etnografisa da xelovnebis istorīs seria, [Maçne(Herald) of the Academy of sciences of Georgian SSR. Series of History, Archaeology, Ethnography and Art History] 4 (Tbilisi 1989) pp.89-94. In Georgian with Russian summary.

462 DJAPARIDZE, G.I. Gruzinskie monety XII v. s arabskimi legendami (mednye monety s imenem tsarja Davida: voprosy atributsi) [12th century Georgian Coins with Arabic legends (copper coins with the name of King Dawith: the issue of attribution)]. E. Davidovich, ed., *Vostochnoe istoricheskoe istoch-nikovedenie i special'nye istoricheskie distsipliny* [Oriental Historical Source Studies and Special Historical Subjects] 4 (Moscow 1995) pp.155-61. In Russian with English summary.

Some Georgian copper coins with Arabic inscriptions are known, including those of Malik al-Mulūk Husām al-Masīh Dāwud, i.e. King of Kings, Sword of the Messiah, Dāwud (David), which are attributed to the most powerful Georgian king David IV the Builder (1089-1125). According to some Georgian numismatists (D. Kapanadze, I. Djalaghania), one of the similar coin types (14-23 mm., 6.09 gm., no. 4074 of the Main Fund of Georgian coins in the State Museum of Georgia, E.Pakhomov's former collection) bears the name of the Seljuk Sultan Barkiaruq (1094-1104) as well. A detailed study undertaken by the author has disclosed that the legends of this coin contain no name of Barkiaruq, but another Saljuq Sultan—Muhammad b. Mahmūd (1153-59)—has been mentioned instead. Hence it follows that “Dāwud” of the coin legend is not David IV the Builder, but his grandson David V, son of Demetri I (1125-56), who ruled for six months in A.D. 1155. His coinage had not been known before. (Author)

463 DJAPARIDZE, GOTCHA. *Sakqartvelo da maxlobeli aghmosavletis islamuri samqaro XII-XII s-is pirvel mesamedshi* [Georgia and the Near Eastern Islamic World in the 12th - first third of the 13th Century]. Tbilisi, Mecniereba 1995. 349 pp. In Georgian with Russian and English summaries.

The monetary policy of the Georgian kings of the twelfth to the first third of the 13th century is discussed (pp. 241, 244-47). According to the twelfth-century Arab historian Ibn al-Azraq al-Fāriqī, the Georgian King David IV the Builder (1089-1125) struck dirhams for the inhabitants of Tbilisi “on one side of which was the name of the sultan and caliph and on the (other) side was the name of God and the name of Prophet... while the king's name was on the margin of the dirham.” To date, no numismatic data have been found to corroborate Ibn al Azraq's information. No such coins of King David have been discovered yet, although coins bearing the legends mentioning the names of the sultan (for the last time it was the name of Muhammad II b. Mahmūd on the coins of David V in 1155) and the caliph (last appearing on the coins of Giorgi III), with the Islamic formulas of good wishes and the name of Allah (but never the Prophet Muhammad) were struck by King David's descendants. This

monetary policy of the Georgian kings pursued a trend which was not unacceptable to the Muslim population of the Kingdom of Georgia. (Author)

464 DJAPARIDZE, GOTCHA. O monetax tbilisskogo emira Ali b.Djha'fara [On the Coins of Ali b.Dja'far, Amir of Tbilisi]. E. Davidovich, ed., *Vostochnoe istoricheskoe istochnikovedenie i special'nye istoricheskie distsipliny [Oriental Historical Source Studies and Special Historical Subjects]* 5 (Moscow 1997) pp. 204-16 illus. In Russian with English summary.

465 DJAPARIDZE, GOTCHA. On the Coins of the Tbilisi Amīr 'Alī B.Ja'far. *Bulletin d'Études Orientales* 50 (1998) pp. 97-107 illus. Arabic summary.

The Amīr 'Alī b. Ja'far (end of the 10th century-1020's) was one of the representatives of the Arab dynasty of the Ja'farids (Banū Ja'far) who established themselves in Tbilisi (Georgia, Transcaucasia) around the 880's, ruling the city for two centuries. Few written sources mention 'Alī b. Ja'far, although his silver and silver-plated copper dirhams struck from 386/996-97 to 418/1027-28 are very numerous among the Ja'farid coinage. Until recently, three types of dirhams were considered to have been issued with his name; the author managed to detect in addition three new types (one of them minted in 413) among 466 known pieces issued by 'Alī b. Ja'far, most of them comprising the content of two hoards (discovered in Tbilisi and Kvakhvrelī, near Gori) now preserved in various museums. (Author)

466 ERKILETLIOGLU, H. The coins of 'Ala'ad-Din Kay'Qubadh I. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 83-92. Text in Turkish and English.

467 GEVA, H. and D. BAHAT. Architectural and Chronological Aspects of the Ancient Damascus Gate Area. *IEJ* 48 (1998) pp. 223-35.

The dating of the various sections of this North Gate to the Old City of Jerusalem is discussed *inter alia* with reference to the discovery of a coin of Agrippa I (A.D. 37-41) embedded in a plaster floor, and a coin of the Crusader King Jean de Brienne, 1210-12, also found in the Gate area. (Arnold Spaer)

468 GIOVETTI, PAOLA and DANIELA PICCHI. Gettoni fatimiti. *Vetri antichi. Arte e tecnica. Catalogo della mostra, Bologna 1998-99* (Bologna 1998) p. 40 illus.

This exhibit contained some glass tokens made in Egypt in the 11th century during the Fatimid period. The author discusses the function of these objects, which are also known from the Roman and Byzantine periods. (A. Carignani)

469 GROTZFELD, HEINZ. The Age of the Galland Manuscript of the Nights: Numismatic Evidence for Dating a Manuscript. *Journal of Arabic and Islamic Studies* 1 (1996-97) pp. 50-64. Available only on the Internet at <http://www.uib.no/jais/>.

A *terminus post quem* for the oldest manuscript of the Thousand and One Nights or Arabian Nights is provided by a reference in it to *ashrafi* coins. Although Muhsin Mahdi has identified this *ashrafi* as an issue of al-Ashraf Khalil, A.D. 1290-93, it can only be the well-known *ashrafi* gold coin introduced by al-Ashraf Barsbay in 1426. The common use of the word for the Egyptian gold coinage of the fifteenth century is abundantly documented, while there is no evidence that Khalil introduced any new coin named for him or for the use of the term *ashrafi* for any coinage before Barsbay. The manuscript must therefore be assigned to the fifteenth century at the earliest.

(Michael L. Bates)

470 HINRICHS, J.C. Burgulu, Ein Prageort Der Hamidogullari. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 117-34. Text in Turkish and German.

471 HOVEN, E.B. Some Notions on the Collections of Ilchanid Coins at the Royal Coin Cabinet, Stockholm. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 109-16. Text in Turkish and English.

472 ISLER, HANS PETER. Pesi di bronzo islamici dagli scavi di Monte Iato (Sicilia). *NumAntClas* 27 (1998) pp. 345-69 illus.

The author comments on the typology, metrology and chronology of 36 bronzes from excavations at Monte Iato in Sicily. (A. Carignani)

473 IZMIRLIER, Y. The Mint Places of Hamidogullari. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 135-44. Text in Turkish and English.

474 JOHNSON, B. Images of Change: Coinage Design and Political Transformation in Sixteenth Century Tunis. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 206-23. Text in Turkish and English.

475 KON, S. and A. BALFER-COHEN. Meged Rock Shelter 1995-6. *Hadashot Arch* 108 (1998) pp. 16-24. In Hebrew.

During excavation of this site slightly north of Acre, some Umayyad coins were found in a stone basin. (Arnold Spaer)

476 KROMANN, A. and J.S. JENSEN. The Origin of the Turkish Ottoman Coins in the Royal Collection of Coins and Medals, National Museum, Copenhagen. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 165-74. Text in Turkish and English.

477 LACHMAN, S. The Beginning of the Minting of Ottoman Coins in the Yemen. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 282-93. Text in Turkish and English.

478 MACKENZIE, KENNETH M. An altun of Sultan Suleyman I (926H). *NCirc* 106 (1998) pp. 310-11 illus.

479 MACKENZIE, K.M. Some Ottoman Coins of the First Karamanli Ruler from Tripoli 1703-1730 AD. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 294-302. Text in Turkish and English.

480 MASTELLONI, MARIA AMALIA. Aspetti fatimiti del potere normanno a Messina. *Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina* 6 (Messina 1997) pp. 135-60 illus.

The author underscores the Fatimid influences on Norman coins of the mint of Messina in the name of the Grand Counts Roger and Roger II. (A. Carignani)

481 MATAACHE, CORNELIU. Un tezaur din vremea sultanului Abdülhamid I descoperit la Ciochina, jud. Ialomița [A hoard from the time of Sultan Abdülhamid I discovered in the village of Ciochina, Ialomița district]. *SCN* 12 (1997, publ. 1998) pp. 185-88. English summary.

The hoard contains 11 Ottoman silver coins struck at Constantinople in the period of Mustafa III (1) and Abdülhamid I (10). (Eugen Nicolae)

482 MIHALY, S. Ottoman Coinage in Hungary. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 303-9. Text in Turkish and English.

483 MOCHIRI, M.I. Reemploi de coins des monnaies Sassanides. *NC* 158 (1998) pp. 103-11 illus.

Two examples of the reuse of dies in the Sasanian coinage are discussed: 1. In the same reign and over a span of eight years, two reverses from different mints share a common obverse die. 2. In two successive reigns a reverse, either original or altered, of the previous monarch is combined with the obverse of the reigning one or, strangely enough, a reverse of the reigning king is combined with an obverse of the deceased one. This latter case creates difficulties in identification. (Author)

484 NAUTA, D. A Survey of the Ottoman Copper Coinage of the Yemen. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 224-61. Text in Turkish and English.

485 NICOLAE, EUGEN. Skupni nalaz turskih aspri iz Vatra Moldovței (okrug Suceava – Romunjska) [Hoard of Turkish akçe from Vatra Moldoviței (Suceava District – Romania)]. *Numizmatičke vijesti* 50 (1997) pp. 110-12 illus. English summary.

Described are four remaining specimens of a hoard of 52 "small Turkish coins" found about 1934. The four akçe include two of Suleyman I (of Constantinople and Edirne), and one each of Bayezid II (of Novar) and Selim I (of Constantinople). The circumstances of the find are reviewed and the deposit tentatively dated to Suleyman I's invasion of Moldavia in 1538. (Charles B. Smith, Jr.)

486 NOVAK, VLASTIMIL. Political oscillation under pressure: a Kakuyid billon dirham of Faramurz acknowledging the Buyid ruler Abu Kalijar. *NC* 158 (1998) pp. 165-72 illus.

487 ODABASI, A. A Different Coin Minted Jointly in the Names of Kukn-ad-Din Qilicharslan IV and 'Ala'ad-Din Kay-Qubadh II. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 104-8. Text in Turkish and English.

488 PAMUK, ŞEVKET. Sistemul monetar otoman în secolele al XVII-lea și al XVIII-lea. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 267-81. The Ottoman monetary system during the seventeenth and eighteenth centuries. *130 years*

since the establishment of the modern Romanian monetary system (Bucharest, Editura Enciclopedică 1997) pp. 259-72.

489 PELLICER I BRU, J. and X. BALLESTIN. Hisem B. Suleyman B. 'Abd al-Rahman al-Nasir al-Rasid. Un dirhem de medina Fas con los personajes al-Mu'izz y al-Rasid (339 H.). *Gac Num* 130 (1998) pp. 23-36.

490 PELLICER I BRU, J. Un aprovechamiento del cuño de enverso de un dirhem de Al-Andalus 400H (1009-1010). *Gac Num* 132 (1999) pp. 9-11.

491 POPP, V. and H. WILSKI. Ottoman Coins Struck in the Name of Kanuni Sultan Suleyman at the Fortress of Dhu-Marmar in the Yemen. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 199-205. Text in Turkish and English.

492 SAYLES, W.G. Christian Iconography in Mesopotamian Islam: The Numismatic Evidence. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 39-54. Text in Turkish and English.

493 SEHAM, Dr. EL-M. Currencies Circulated in Egypt in the Eighteenth Century. In the Light of Darb Al-Gazzazin Hoard. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 310-19. Text in Turkish and English.

494 SPENGLER, W.F. Patterns of Iconography on Turkoman Figural Copper Coins. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 60-69. Text in Turkish and English.

495 SRECKOVIC, S. Ottoman Commemorative Coins. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 175-98. Text in Turkish and English.

496 SUCHY, V. The Silver Coins of Ottoman Sultans Ahmed II, Mustafa II and Ahmed III from Qostantiniye and Edirne Mints. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 262-66. Text in Turkish and English.

497 TELLES ANTUNES, M. A quarter dirham from the Almohad Celiph Abu Mohammed 'Abd Al-Mu'min Ben 'Ali (AH 524-558 – A.D. 1129-1162). *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 169-80.

498 WASSERSTEIN, D.J. The Coins in the Golden Hoard from Tiberias. *Atiqot* 36 (1998) pp. 10-14.

499 WASSERSTEIN, D.J. The Silver coins in the Mixed Hoard from Tiberias. *Atiqot* 36 (1998) pp. 15-22 illus.

The two notes (this and the previous) catalogue illustrate two separate pot hoards found in salvage excavations under different parts of the floor of a house demolished in 1989. All coins are Fatimid issues of the period ca. 953 to ca. 1063. The first hoard contains 9 gold dinars of al-Aziz to al-Mustansir and the second 18 half-dirhems from al-Mu'izz to al-Zahir. Seventeen are perforated twice on each opposite side and one has three holes. The gold coins come from various mints while all the silver was struck at the mint of Misr. The silver hoard also contained some jewelry of the same period.
(Arnold Spaer)

For additional references to the numismatics of the Near and Middle East , see the following abstracts:

General, no. 8

Technology and Methodology, no. 50

Greek, no. 100

Roman, no. 299

Western and Central Europe, nos. 560, 568

Eastern Europe and the Balkans, nos. 741, 745.

INDIA AND SOUTH ASIA

500 HANDA, DEVENDRA. Coins of the Savitriputras. *NC* 158 (1998) pp. 243-48 illus.

For additional references to the numismatics of India and South Asia , see the following abstract:

Western and Central Europe, no. 701.

EAST ASIA

501 ALTERI, GIANCARLO. *Numismatica cinese dalle origina alla caduta dell'impero dal Medagliere della Biblioteca Apostolica Vaticana. Catalogo della Mostra, Vicenze 1997.* Rome 1997. 143 pp. illus.

502 BERTSCH, WOLFGANG. The Kalsang Tangka of Tibet. *JEAN* 5 no. 4 (whole number 18, Winter 1998) pp. 22-29 illus.

An explanation of the enigmatic name of this coin type is proposed, followed by a discussion of minor design varieties, of which there are at least sixteen (these are varieties in the placement of dots throughout the design). The article ends with presentation and discussion of an example in gold. (Joseph E. Boling)

503 COWELL, MICHAEL and HELEN WANG. Metal supply for the metropolitan coinage of Kangxi period (1662-1721). *NC* 158 (1998) pp. 185-96 illus.

Analyses of Chinese cash coins show a change in trace element composition in the late 17th century at a time when imports of copper from Japan resumed. Recent analyses of contemporary Japanese copper ingots have a very similar trace element pattern, supporting the view that the Chinese coinage was largely dependent on copper from Japan after about 1683. (Authors)

504 FÖRSTER, GEORG H. The Old Carolus Dollar and Chinese Chops—More First Hand Accounts. *JEAN* 5 no. 4 (whole number 18, Winter 1998) pp. 30-39 illus.

Contemporary documents dealing with the differential value between the "old Carolus" dollars and mid-19th century Latin American crowns circulating in China are quoted. Unscrupulous merchants and money changers tried to convince the populace that the newer coins were of lesser value, thus enabling them to profit in arbitrage. Four examples of chopped coins are shown, with the legible chops translated. (Joseph E. Boling)

505 HARTILL, DAVID. The Large Coinage of Xianfeng. *JEAN* 5 no. 4 (whole number 18, Winter 1998) pp. 13-21 illus.

The regulations and standards for production of the subject coinage are presented; the coins were to be of exceptionally fine quality to enhance their acceptance by the public, and to enable them to be distinguished from the many counterfeits that were immediately produced. For cataloguing purposes, the coins are divided into three time phases and four mints (distinguished by calligraphy variations).

several of which are illustrated). Coins of the transitional mint established by Prince Qing Hui are also discussed. The article concludes with a reprint of an 1875 article describing the problems associated with the introduction of underweight coinage into an economy.
(Joseph E. Boling)

506 RAMSDEN, H.A. Korean Coin Charms and Amulets. *JEAN* 5 no. 4 (whole number 18, Winter 1998) pp. 48-60 illus. [Reprint of pages 12-22 of the 1910 monograph of the same title.]

This is a continuation of the reprint begun in the previous issue, and includes Ramsden's catalog numbers 40-107.
(Joseph E. Boling)

507 WU CHOU-ZHONG and YE SHI-CHANG, eds. *Zhongguo Lidai Huobi Daxi #8: Qing Minguo Yinding Yinyuan Tongyuan [Chinese Currency Through the Ages, Vol 8: Qing and Republican Sycees and Silver and Copper Coins]*. Shanghai, Shanghai Book Publishing Co. 1998. 1068 pp. illus. ISBN 7-80622-394-0/K-83. In Chinese.

This massive book lists and illustrates 950 sycee and other bullion pieces, 111 gold coins, 1625 silver coins, 1910 copper coins, and 80 coins of other alloys, all issued by China; and 347 coins of other nations that circulated in China (including colonial and client states' coinages). It also includes almost 100 pages of history of the minting of these items, with further illustrations of many more pieces, chronologies of coin production in China as a whole and at individual mints, and weight and fineness standards for various issues.
(Joseph E. Boling)

AFRICA -- MEDIEVAL AND MODERN

508 BASILE, GIULIO. Il *Santo Graal* ritrovato? Proposta di lettura antropologico-culturale di una moneta di Aksum (con appendice tecnica di Guido Devoto). *BollNum* 25 (1995) pp. 225-46 illus.

At the end of his historical and cultural treatise, the author proposes to interpret an object in the form of a triangular vase which appears on the reverse of four silver coins struck by the kingdom of Aksum in the 6th-7th centuries as the chalice containing the blood of Christ, the mythical Holy Grail.
(A. Carignani)

EUROPE – MEDIEVAL AND MODERN

GREAT BRITAIN AND IRELAND

509 BATESON, J.D. An early seventeenth-century hoard from Ardnave Point, Islay. *BNJ* 67 (1997) pp. 108-11.

This hoard of ninety-two European silver coins, mostly dollars, was recovered in sand dunes on Ardnave Point, Islay, Inner Hebrides, in the summers of 1996 and 1997. It is unusual for a seventeenth-century hoard from Scotland not to contain smaller Scottish and English issues as well as the large European pieces. Dates and wear of the latest coins suggest a date of deposit about 1635, before the Civil War and possibly as a result of shipwreck. (Author)

510 BESLY, EDWARD. A mid-fourteenth-century hoard from Llysdyman, Powys. *BNJ* 67 (1997) 104-5.

A hoard of 102 English and three Scottish silver coins, mainly pence of Edward I-II, is published. It closes with three pence and two halfpence of Edward III's 'Florin' coinage of 1344-49. (Author)

511 BLACKBURN, MARK and ANDY GILLIS. A second coin of King Eardwulf of Northumbria and the attribution of the moneyer coins of King Aelfwald. *BNJ* 67 (1997) pp. 97-99 illus.

A further coin of Eardwulf of Northumbria (796-806?, 808?-810?) by the moneyer Cutheard was found near Driffield, S. Yorks. in 1997. Its similarity to the moneyer coins of King Aelfwald provides persuasive evidence for the attribution of the latter to Aelfwald II (806?-808?). (Authors)

512 BLACKBURN, MARK and SIMON KEYNES. A corpus of the *Cross-and-Lozenge* and related coinages of Alfred, Ceolwulf II and Archbishop Aethelred. Mark A.S. Blackburn and David N. Dumville, eds, *Kings, Currency and Alliances: History and Coinage of Southern England in the Ninth Century* (Woodbridge, Boydell Press, 1998) pp. 125-50 illus.

513 BLACKBURN, MARK. The London mint in the reign of Alfred. Mark A.S. Blackburn and David N. Dumville, eds, *Kings, Currency and Alliances: History and Coinage of Southern England in the Ninth Century* (Woodbridge, Boydell Press, 1998) pp. 105-23 illus.

514 BOOTH, JAMES. Monetary alliance or technical co-operation? The coinage of Berhtwulf of Mercia (840-852). Mark A.S. Blackburn and David N. Dumville, eds, *Kings, Currency and Alliances: History and Coinage of Southern England in the Ninth Century* (Woodbridge, Boydell Press 1998) pp. 63-103 illus.

515 BROWN, I.D. Active mints and the survival of Norman coins. *BNJ* 67 (1997) pp. 1-10.

A survey of hoards and single finds of Norman coins leads the author to conclude that: 1. Coins of each type were substantially withdrawn during the first half of the currency of the following type. 2. The numbers of surviving coins of different types reflect their occurrence in hoards rather than the original size of the issue. 3. Between sixty and seventy mints were active in the reigns of William I and William II, reduced to between fifty and sixty during the reign of Henry I. After the purge of moneyers in 1124 only about twenty-five mints were active although the number increased under Stephen. 4. There are probably large unrecorded hoards concealed during type 5 of William I and type 2 of William II. 5. Estimates are given of the numbers of surviving coins of each type based on the number of known mints. (Author)

516 CHARLES-EDWARDS, THOMAS. Alliances, godfathers, treaties and boundaries. Mark A.S. Blackburn and David N. Dumville, eds, *Kings, Currency and Alliances: History and Coinage of Southern England in the Ninth Century* (Woodbridge, Boydell Press 1998) pp. 47-62.

517 COUPAR, SALLY-ANNE. A parcel of silver pennies from the Blackhills hoard. *BNJ* 67 (1997) pp. 99-103 illus.

The discovery of a parcel of coins from the 1911 Blackhills hoard has allowed this Edwardian hoard to be reanalyzed in accordance with recent research. Using this new evidence, comparison with other contemporary hoards suggests that the deposition date is more likely to be ca. 1332 than ca. 1320 as originally thought. (Author)

518 DU QUESNE BIRD, N. Early accounts of leather money in Britain. *NCirc* 106 (1998) pp. 355-56 illus.

519 DYER, CHRISTOPHER. The Howard Linecar Lecture 1997: Peasants and coins: the uses of money in the Middle Ages. *BNJ* 67 (1997) pp. 30-47.

This inquiry into the extent to which medieval English peasants used coins employs archaeological evidence from excavations, single coin finds and documents. The small number of coin finds from rural settlements should not be taken as evidence

for an absence of money in the peasant economy. Rubbish disposal from village sites led to the distribution of coins over the fields. The pattern of coin use, judging from denominations found and changes in coin numbers over time, suggests that peasants were integrated into the commercial economy. This is supported by documentary evidence. Problems of small change, credit, cash flow and shifts in the money supply are discussed. (Author)

520 DYER, G.P. Quarter-sovereigns and other small gold patterns of the mid-Victorian period. *BNJ* 67 (1997) pp. 73-83 illus.

521 FERGUSON, W.B. and I. JONES. Imitation pennies of the second coinage of Alexander III of Scotland. *NCirc* 106 (1998) pp. 391-93 illus.

522 GASPAR, P.P. and H.E. MANVILLE. A mis-struck shilling of George III: many questions and a few answers. *BNJ* 67 (1997) pp. 111-15 illus.

523 HARRIS, ERIC. Die pairing on the transitional coins of Henry IV and Henry V. *BNJ* 67 (1997) pp. 20-29 illus.

The silver coinage issued for Henry IV in the short period between the reduction in weight of the penny to fifteen grains and the mullet-marked coins attributed to Henry V is examined. A series of die-links is established between three distinct styles and a fourth variant that covers the transition to the mullet mark. The die changes and the production of 'mules' is attributed to the poor quality of the dies, with frequent breakage. The addition of a mullet to old dies accords with previous suggestions that the mullet marked the accession of Henry V. (Author)

524 HARRIS, E.J. and MICHAEL SHARP. The Rashleigh Henry IV half-groat. *BNJ* 67 (1997) p. 105 illus.

525 HILL, STEPHEN. An unrecorded George VI trial crown. *NCirc* 106 (1998) p. 358 illus.

The author discusses a cupro-nickel striking of the 1937 Coronation crown, made during the preparation of the 1951 Festival of Britain crown. (Martin Allen)

526 HINES, JOHN. Coins and runes in England and Frisia in the seventh century. Tineke Looijenga and Arend Quak, eds, *Frisian Runes and Neighbouring traditions: Proceedings of the First International Symposium on Frisian Runes at the Fries Museum, Leeuwarden 26-29 January 1994*. *Amsterdamer Beiträge zur Älteren Germanistik* 45 (Amsterdam and Atlanta, Georgia, 1996) pp. 47-62.

527 HOLMES, N.M.McQ. *Scottish Coins: A History of Small Change in Scotland*. Edinburgh, National Museums of Scotland 1998. 112 pp. illus.

528 KEYNES, SIMON. King Alfred and the Mercians. Mark A.S. Blackburn and David N. Dumville, eds, *Kings, Currency and Alliances: History and Coinage of Southern England in the Ninth Century* (Woodbridge, Boydell Press 1998) pp. 1-45.

529 KEYWORTH, JOHN. O monedă puternică, o dovadă de realism. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 380-84. Sound money: sound sense. *130 Years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 370-73.

This is an essay on the stability of coinage, in relation to some events in Great Britain ca. 1800. (Eugen Nicolae)

530 MACMILLAN, A.T., N.G. BRODIE, J.F.T. MORRALL and R.M. BREIGAN. *Glasgow Market Tallies*. Glasgow, West of Scotland Numismatic Society 1998. 28 pp. illus.

531 METCALF, D.M. The monetary economy of ninth-century England south of the Humber: a topographical analysis. Mark A.S. Blackburn and David N. Dumville, eds, *Kings, Currency and Alliances: History and Coinage of Southern England in the Ninth Century* (Woodbridge, Boydell Press 1998) pp. 167-97.

532 MORIMOTO, YOSHIKI. A new trend in English medieval numismatics around single-finds and its repercussions in Continental Polyptic studies. *Bulletin of the Graduate School of Comparative Studies of International Cultures and Societies, Kurume University* 7 (1998) pp. 103-25.

This article (in Japanese) introduces Japanese historians to the systematic use of single-finds in English medieval numismatics, and discusses evidence of a money economy in Carolingian documents known as polyptics. The polyptic of Prüm Abbey, dated to 893, seems to indicate a decline in the money economy consistent with the contemporary decline in single-finds. (Martin Allen)

533 NORTH, J.J. The Anglo-Irish halfpence, farthings and post-1290 pence of Edward I and III. *BNJ* 67 (1997) pp. 11-19 illus.

534 *Seaby Standard Catalogue of British Coins: Coins of England and the United Kingdom*. 34th edition. London, Spink 1999. 476 pp. illus.

535 STEWARTBY, LORD. Moneyers in the written records. Mark A.S. Blackburn and David N. Dumville, eds, *Kings, Currency and Alliances: History and Coinage of Southern England in the Ninth Century* (Woodbridge, Boydell Press 1998) pp. 151-66.

536 WILLIAMS, GARETH and CAROLINE R. CARTWRIGHT. A Jacobean silver hoard from Bull Wharf, London. *BNJ* 67 (1997) pp. 105-8 illus.

This is a report on a hoard of 164 Tudor and Stuart silver coins, mostly of small denominations, deposited in the Thames at Bull Wharf, London, in the latter part of the reign of James VI. The hoard contains one curiosity, a silver groat of Elizabeth I modified to look like a sixpence. A contribution by Caroline R. Cartwright on organic remains attached to the coins suggests that they may have been deposited in leather and linen bags inside a wooden box. (Authors)

For additional references to the numismatics of Great Britain and Ireland , see the following abstract:

Western and Central Europe, no. 665.

WESTERN AND CENTRAL EUROPE

537 ALRAM, MICHAEL, WOLFGANG HAHN and HEINZ WINTER. Aussergewöhnliche Streufundmünzen der Spätantike und des Mittelalters aus Österreich (III). *MÖNG* 38 no. 6 (1998) pp. 109-18 illus.

The range of finds extends from Theodosius II (402-50) through King Salomon of Hungary (1063-74) and margrave Leopold III (1095-1136) to archbishop Bernhard (1202-56). (Michael Alram)

538 ARMSTRONG, SIMON. Carolingian coin hoards and the impact of the Viking raids in the ninth century. *NC* 158 (1998) pp. 131-64.

This paper compares the incidences of Viking activity during the ninth century with the distribution of the relatively plentiful coin hoards. While there does appear to be a partial relationship, the Viking raids could not have been the sole cause of the increase in the rate of hoarding. Other possible causes are discussed, including economic expansion and the exaction of tribute. An appendix lists hoards from France deposited between 768 and 900. (Author)

539 ARSLAN, ERMANNO A. Ambrogio e la sua moneta. *Ambrogio. L'immagine e il volto. Arte dal XIV al XVII secolo. Catalogo della mostra, Milano 1998* (Venice, Marsilio editore 1998) pp. 34-44 illus.

The exhibit contained 30 coins of the 13th-18th centuries. (A. Carignani)

540 ARSLAN, ERMANNO A. Ancora sulla circolazione della moneta in rame nella Calabria di X-XII secolo. *MEFRM* 110.1 (1998) pp. 359-78.

541 ARSLAN, ERMANNO A. Un tremisse di Vicenza per Desiderio da Afro (BS). *AN* 8 no. 30 (June 1998) pp. 675-84 illus.

542 AUST, HORST. Beispiele für Stempelfehler auf schlesischen Kippermünzen. *GN* 34 (1999) pp. 78-81 illus.

The author traces errors of the die engravers of Silesian kipper coins.

(Peter Ilisch)

543 AUSTRIA NETTO KATALOG. *Münzen ab 1790. 24. Auflage.* Vienna 1998. 108 pp. illus.

544 BALAGUER, A.M. El inicio de los ponderales monetarios en Castilla y Portugal. Catálogo y documentación. *IV Congreso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 205-34.

545 BALAGUER, A.M. Nou doble ducat aragonés de Ferran II. *L'Ardit* 11 (1998) pp. 29-32.

546 BARELLO, FEDERICO. Riflessioni sulle monete dagli scavi di Gerace e Tropea. *MEFRM* 110.1 (1998) pp. 425-30.

After the Norman conquest of Calabria in 1060 there was a large succession of Norman issues from the mints of Miletus and Messina, and at the same time the survival of Byzantine anonymous folles, which remained valid currency until the 12th century.

(A. Carignani)

547 BATESON, J.D. and I.G. CAMPBELL. *Byzantine and Early Medieval Western European Coins in the Hunter Coin Cabinet, University of Glasgow.* London, Spink, 1998. 180 pp. illus.

548 BECKERS, MICHAEL and ROSWITHA DENK. Der Talerfund von Poysdorf 1995. *MÖNG* 37 no. 3 (1997) pp. 59-65.

549 BELIAKOR, A. Monedas hispanoamericanas y españolas del siglo XVII halladas en Noscú. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 445-56.

550 BELLESIA, LORENZO. Nota sopra un *ducato* di Ercole I per Modena. *AN* 4 no. 15 (September 1994) pp. 313-14 illus.

551 BELLESIA, LORENZO. Nota su una *parpaiola* milanese falsa. *AN* 5 no. 17 (March 1995) pp. 358-60 illus.

The author publishes a new contemporary forgery, found linked with a document in the Archivio di Stato di Modena. *(Novella Vismara)*

552 BELLESIA, LORENZO. Le nuove tecnologie per la produzione delle monete in una lettera dell'Arciduca d'Austria ad Alfonso II d'Este. *AN* 5 no. 18 (June 1995) pp. 389-91.

553 BELLESIA, LORENZO. Un bianco di Massa Lombarda finora sconosciuto. *SM* 46 no. 183 (1996) pp. 98-100 illus.

554 BELLESIA, LORENZO. Contromarche su *bianchi* e *giuli* di zecche emiliane (Parma, Modena e Reggio emilia) della metà del Cinquecento. *AN* 7 no. 25 (March 1997) pp. 559-63 illus.

555 BELLESIA, LORENZO. Ein unbekanntes Beizeichen auf einem Dukaten von Correggio. *MÖNG* 37 no. 4 (1997) pp. 88-90.

556 BELLESIA, LORENZO. Note sulle due monete di Piombino. *SM* 47 no. 186 (1997) pp. 25-29 illus.

557 BELLESIA, LORENZO. La numerazione dei conii nelle doppie da 2 di Odoardo Farnese per Piacenza. *SM* 48 no. 192 (1998) pp. 91-95 illus.

558 BERGER, FRANK. *Geld ohne Grenzen*. Frankfurt am Main, Historisches Museum 1998. 104 pp. illus.

The author surveys monetary unions and internationally accepted coinage mainly in Germany and for the 19th century. *(Peter Ilisch)*

559 BERTA, JÓZSEF and ATTILA GAAL. XV.-XVI. századi éremlelet a tolna megyei Várdomb határából [A hoard from the 15th-16th centuries from

the area surrounding Várdomb in Tolna]. *A Wosinszky Mór Múzeum Évkönyve* 20 (1998) pp. 173-213 illus. German summary.

560 BOLDUREANU, ANA and VERA PAIUL. Tezaurul monetar de la Gârbova [The coin hoard of Gârbova]. *Tyragetia (Anuar)* 3 (Chişinău. Muzeul Național de Istorie a Moldovei 1996) pp. 159-66 illus.

The hoard was discovered in 1968 at Gârbova in Ocnița (Moldavia). It contains 25 gold coins and 222 silver pieces (talers or similar issues) and was buried between 1757 and 1789. The silver coins come from Ragusa (4), Russia (9) and the Ottoman Empire (208); the gold coins come from the Netherlands (24) and Austria (1). A ducat of Holland from 1788 appears to be a Russian imitation. *(Eugen Nicolae)*

561 BUTNARIU, VIOREL M. Moldova între "spații monetare" și "rațiuni de stat." Anii 1574-1611 [Moldavia in the period 1574-1611]. *SCN* 12 (1997, publ. 1998) pp. 157-72 illus. German summary.

562 CAMPIGNOLO, MATTEO. La bourse du Pèlerin de Romainmôtier (VD). *Association des amis du Cabinet des médailles [de Lausanne], Bulletin* 9 (1996) pp. 36-45 illus.

This article deals with a small hoard of 80 late medieval coins found in a grave in the Abbey of Romainmôtier. *(Benedikt Zäch)*

563 CARAZZETTI, RICCARDO. Ritrovamenti monetali sporadici nel locarnese. I. Trillina contraffatta di Filippo II dei Mazzetti della zecca di Frinco. II. Quattrino di Carlo VI della zecca di Milano. *AN* 8 no. 30 (June 1998) pp. 685-87 illus.

The author publishes two medieval Italian coins found in Locarno (Cantone Ticino). *(Rodolfo Martini)*

564 CHIARAVALLE, MAILA. Monete dei Trivulzio dagli scavi di Milano. *AN* 8 no. 30 (June 1998) pp. 688-90 illus.

565 CICALI, CRISTINA. Montarrenti (Siena). Campagne di scavo 1982-1984. *BollNum* 25 (1995) p. 268-69.

The author publishes 17 coins from excavations near Siena. They include coins of the Tuscan mints of Florence, Siena and Pisa from the 14th century. *(A. Carignani)*

566 CICALI, CRISTINA. Montemassi (Grosseto). Campagna di scavo 1993. *BollNum* 25 (1995) p. 270.

Four coins were found during excavation: a denar in the name of the emperor Frederick from the mint of Pisa (post-1181), a quattrino of Siena from 1351, a quattrino of Perugia from the first half of the 14th century, and an albulo of the mint of Lucca from the last third of the 14th century. (A. Carignani)

567 CINTHIO, MARIA. Trinitatiskyrkan i Lund—med engelsk prägel [The Holy Trinity Church in Lund—with English influence]. *Hikuin* 24 pp. 113-34 illus. In Swedish.

The author publishes the archaeological excavations of the Holy Trinity Church in Lund, Scania, Sweden. The author suggests that a coin of the 1050s may depict Church and its grave crypts. (Jens Christian Moesgaard)

568 CIOBANU, DANIELA. Circulația monetară în Dobrogea în secolele XIII-XIV. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 94-97. Monetary Circulation in Dobroudja in the 13th-14th Centuries. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 93-96.

The author publishes coins which circulated in Dobroudja before and after the Mongol invasion of 1241-42. Until 1241 Byzantine coins and their Latin and Bulgarian imitations circulated; those of Anatolia, Trebisond and the west were rarer. After 1242 Byzantine and Bulgarian coins continued to circulate and later were replaced by coins of the Golden Horde. There were two mints, at Salistra (1366-1416) and Kaliakra (1376-79). (Gh. Poenaru Bordea)

569 CRUSAFONT I SABATER, M. Nuevos datos sobre los cobres visigodos. *IV Congreso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 125-44.

570 CRUSAFONT I SABATER, M. Probable mig florí de Ferran II. *L'Ardit* 11 (1998) pp. 26-28.

571 CRUSAFONT I SABATER, M. Quatre monedas catalanes inédites del temps dels primers Austries. *L'Ardit* 12 (1999) pp. 22-24.

572 CUNZ, REINER. Gottes Freund, der Pfaffen Feind. Zu den Propagandamünzen des "tollen Christian." *Niedersächsisches Jahrbuch für Landesgeschichte* 70 (Hannover, Verlag Hahnsche Buchhandlung 1988) pp. 347-63 illus.

The propaganda coinage of Christian duke of Brunswick, military leader in the Thirty Years War, truth and legend, is surveyed. (Peter Ilisch)

573 CUNZ, REINER. Die Münzen des Pfennigfundes aus dem Klosterforst bei Sorsum (entdeckt 1996). *Die Kunde* N.F. 49 (1998) pp. 171-202 illus.

In 1996 a hoard of 307 anonymous pfennigs of Hildesheim with St. Mary (five main groups) and four other coins was found. The author takes the opportunity to combine the hoard publication with a discussion of whether or not bracteate and double-sided coins were struck in parallel as well as of the *renovatio monetarum* in Lower Saxony and the fate of the similar Sarstedt hoard. (Peter Ilisch)

574 DALLE VEGRE, ANNA PIA, GIANCARLO MASCHER and EUGENIO VAJNA. Documento della zecca di Milano per la fabbricazione di *ducato* e *moneta bassa* datato 1587. *AN* 5 no. 19 (December 1995) pp. 401-10 illus.

The authors present an unpublished document signed by Laelius Juditanus concerning the coinage, the standard of weights of coin types, with the so-called *ducato* of the Milanese mint, dated 1587. (Novella Vismara)

575 D'ANGELO, FRANCO. Un 'minimo di mistura' inedito di re Ruggero II di Sicilia. *SM* 46 no. 181 (1996) pp. 11-13 illus.

576 DHÉNIN, MICHEL. Une monnaie de Louis II de Vaud (1302-1350) méconnue. *Association des amis du Cabinet des médailles [de Lausanne]*, *Bulletin* 9 (1996) pp. 32-35 illus.

577 DUDĂU, OLTEA. Tezaurul monetar de la Așel, sec. XVI-XVII [The hoard of Așel, 16th-17th centuries]. *SCN* 12 (1997, publ. 1998) pp. 173-84 illus. English summary.

The hoard contains 4199 silver coins ranging from 1508-1644: Transylvania (858 pieces), Hungary (168), Austria (1), Poland (2720), Lithuania (1), Prussia (208), Pomerania (6), Elbing (199), Riga (35), Münsterberg-Oels (1), Solms (1) and Bohemia (1). (Eugen Nicolae)

578 ESPAÑA, LEON. Una pieza inédita de Fernando II, probablemente elusiva al camino de Santiago. *Gac Num* 131 (1998) pp. 23-33.

579 ESPAÑA, L. Explicación de las marcas de punzones que aparacan sobre monedas en circulación tras el fallecimiento de Enrique IV. *Gac Num* 132 (1999) pp. 13-30.

580 FATIA VIDAL, N. Nomenclatura, metrologia e equivalência das moedas de Oriente Portugues no século XVI (1550-1578). *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 309-30.

581 FEA, GIORGIO. Censimento numismatico del comune di Cherasco. *Quaderni Museo "G.B. Adriani" 2* (Cherasco 1998) pp. 31-40 illus.

This is an analysis of the topographical distribution of the main coin finds in Cherasco in the Piedmont. (A. Carignani)

582 FELLER, LAURENT. *Les Abruzzes médiévales. Territoire, économie et société en Italie centrale du IXe au XIIe siècle.* Rome, École Française de Rome 1998. 980 pp.

583 FENTI, GERMANO. La zecca di Cremona e le sue monete. Dalle origini nel 1155 alla fine dell'autonomia comunale. *Bollettino Storico Cremonese 2* (1995, publ. 1996) pp. 65-120 illus.

This first part of a complete study of the coinage looks at the period between the opening of the mint and the beginning of the 14th century. (A. Carignani)

584 FENTI, GERMANO. La zecca di Cremona e le sue monete. Dalla fine dell'autonomia comunale alla morte di Cabrino Fondulo (1425). *Bollettino Storico Cremonese 4* (1997, publ. 1998) pp. 51-83 illus.

In the second part of this study, the author examines the scarcity of the mint's production in an area dominated by the florin of Florence, the ducat of Venice, the ambrogino of Milan and the genovino of Genoa. Particular attention is paid to issues of Cabrino Fondulo, lord of Cremona between 1406 and 1420. (A. Carignani)

585 FERREIRA, JAIME. O Cotrim, Moeda Medieval Pouco Conhecida [The Cotrim, a Little-Known Medieval Coin]. *Moeda 23* no. 2 (April/June 1998) pp. 89-99 illus. In Portuguese.

The author retraces the history of this short-lived Portuguese billon coin which he estimates was initially coined in 1460 and ceased to be produced in 1475 after being rejected by the public on account of its low silver content. (Alain Costilhes)

586 FERREIRA, JAIME. IV Centenário de Felipe II (I de Portugal): Um Rei Prudente e uma Comemoração Inexistente [Fours Hundred Years of the Death of Felipe II- First of Portugal – A Prudent King and a Lack of Celebration]. *Moeda 23* no. 3 (July/Sept. 1998) pp. 135-50 illus. In Portuguese.

The author summarizes the monetary policy of Philip II and reviews the coins issued by this monarch, including the colonial coins issued by the Viceroy of Portuguese India. The absence of any celebration of this anniversary in Portugal is regretted by the author.
(Alain Costilhes)

587 FINGERLIN, GERHARD, JOSEF F. FISCHER and KLAUS DÜWEL. Alu und Ota - Runenbeschriftete Münznachahmungen der Merowingerzeit aus Hüfingen. *Germania* 76 no. 2 (1998) pp. 789-822 illus.

In tomb 318 at Hüfingen (female burial, later 6th century A.D.) a chain adorned by five golden, looped, one-sided amulets imitating early Byzantine or Ostrogothic coins was found. Two of them bore the Runic sign ota (fear), two others the sign alu (protection). These objects seem to be of North Italian (Lombard) origin.

(Hans R. Baldus)

588 FÖRSCHNER, GISELA. Ein unedierter Mainzer Gulden 1675 mit Straßburger Gegenstempel. *NNb* 48 (1999) pp. 13-15 illus.

A gulden of Mainz with a Strassbourg counterstamp is published and a synopsis is given of the published and unpublished coins of the archbishopric of Mainz from 1675 to 1677.

(Peter Ilisch)

589 FUENTES GANZO, EDUARDO. La moneda como símbolo de legitimación y propaganda (Castilla siglos XI al XV). *Gac Num* 131 (1998) pp. 11-24.

590 GEDAI, ISTVÁN. Ein Obol von Ludwig der Frommen. *AN* 6 no. 23 (September 1996) pp. 514-15 illus.

591 GEIGER, HANS-ULRICH. Heinrich der Löwe und die Münzprägung im Bodenseegebiet. Hypothesen zum Schatzfund von Steckborn. *SM* 48 no. 189 (1998) pp. 9-15 illus.

592 GILLES, KARL-JOSEF. Weiter Münzschatzfunde aus dem Kreis Trier-Saarburg. *Jahrbuch Kreis Trier-Saarburg* 1999 pp. 122-25 illus.

In addition to listing additional hoards from the district of Trier-Saarburg, a deposit of 14th- century forgeries (plated bronze) of French, Luxembourg and Trier coins is described.

(Peter Ilisch)

593 GOLLNISCH, GERD-DIETER. Kaiser Karl I. von Österreich. *NNb* 48 (1999) pp. 7-10 illus.

594 GOMES MARQUES, M. and J. CARDIM RIBEIRO. As legendas da série Latina Manita. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 69-98.

595 GOMES MARQUES, M., C. MARQUES DA COSTA and J.M. PEIXOTO CABRAL. Tremisses visigodos inéditos. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 99-118.

596 GONČARA, I.E. Monety feudal'noj Moldovy [Coins of medieval Moldavia]. *Anuarul 1* (Chişinău, Muzeul Naţional de Istorie a Moldovei 1992) pp. 173-82.

The author reviews coin production in Moldavia from the 14th-16th centuries, noting pieces in the collections of the National Museum of History of Moldavia at Chişinău.
(Eugen Nicolae)

597 GONCIAROV, IRINA. Moneda mold-valahă de la 1771-1774 [Moldo-Valachian coins from 1771-74]. *Tyrgetia* 4-5 (Chişinău, Muzeul Naţional de Istorie a Moldovei 1997) pp. 197-201 illus.

The author reviews the circumstances of the issue of some Moldo-Valachian copper coins, known as Sadagura, during the Russian occupation of Romania.
(Eugen Nicolae)

598 GORODENCO, ANATOL. *Habitatul medieval rural din Moldova în secolele XIV-XVI [Rural medieval life in Moldavia in the 14th-16th centuries]*. Chişinău, Tipografia Academiei de Ştiinţe 1997. 48 pp. illus. ISBN 9975-62-026-4.

In the chapter on the coins (pp. 30-37), the author reviews coin production during this period.
(Eugen Nicolae)

599 GRACIA LORES, PILAR. Los libros de cuentas de la Casa de la Moneda de Barcelona durante la guerra de Independencia (1808-1814). *Gac Num* 131 (1998) pp. 39-64.

600 GRIERSON, PHILIP and LUCIA TRAVAINI. *Medieval European Coinage. With a Catalogue of the Coins in the Fitzwilliam Museum, Cambridge. Volume 14: Italy. Part 3: South Italy, Sicily and Sardinia*. Cambridge, University Press 1998. 793 pp. illus.

601 GRIESE, SABINE. Falsche Gulden, gefälschte Ablässe, unerwünschte Bischöfe. Einzelblattdrucke als publizistische Gattung im

Spätmittelalter. *Verhandlungen des historischen Vereins für Oberpfalz und Regensburg* 137 (Regensburg, Verlag des Historischen Vereins für Oberpfalz und Regensburg 1997) pp.49-57 illus.

On pp. 49-54 the author discusses the early printed sheets following the action against forgers of golden guilders in Lower Saxony 1481. Such single-sided sheets warning of the forgeries were issued immediately thereafter in Augsburg and Munich.

(Peter Ilisch)

602 GUIDO, FRANCESCO. Monete dall'insediamento fortificato altomedievale di S. Giorgio di Analeto (Anela, Sassari). *AN* 3 no. 10 (June 1993) pp. 210-11.

The author publishes 11 medieval coins from 1335 (Peter IV of Aragon) to 1718 (Charles VI of Habsburg), from the Iglesias and Cagliari mints, found in the fortress of Analeto.

(Novella Vismara)

603 GUIDO, FRANCESCO, Neoneli (OR), chiesa di S. Vittoria. Ritrovamento monetale. *AN* 7 no. 27 (September 1997) p. 600.

604 GUIDO, FRANCESCO. Ritrovamenti monetali nella chiesa di S. Giovanni a Nulvi (SS). *AN* 7 no. 28 (December 1997) pp. 622-27 illus.

The author publishes 44 silver coins of Charles II of the Cagliari mint discovered in the course of excavations.

(Rodolfo Martini)

605 GUIDO, FRANCESCO. Ritrovamenti monetali sardi. 1. Orosei (NU). Chiesa di S. Antonio Abate. 2. Isola di La Maddalena (Sassari). Le monete dal cutter "Emma." *AN* 8 no. 31 (September 1998) pp. 718-19.

606 GULLBEKK, SVEIN H. Medieval law and money in Norway. *NC* 158 (1998) pp. 173-184.

607 HEUS, DIETER. *Münzwesen der Grafschaft Henneberg von den Anfängen bis zum Erlöschen des gräflichen Hauses 1583*. Leipzig, Verlag der Leipziger Münzhandlung und Auktion Heidrun Höhn 1999. 358 pp. illus.

608 HÖLLHUBER, ULRICH. Die Fünzfzehner Kaiser Leopolds I. und des Erzstifts Salzburg. Mit einem Beitrag von Bernhard Prokisch und Johann Lichtenwöhrer. Münzfund in der Kaplaneikirche von Kirchberg bei Kremsmünster. *MÖNG* 38 no. 5 (1998) pp. 100-4 illus.

609 HÖLLHUBER, ULRICH and CHRISTOPH MAYRHOFFER. Die Haller Fünfezhnerprägung unter Erzherzog Sigismund Franz. *Haller Münzblätter* 6 no. 12/13 (Dec. 1998) pp. 251-79 illus.

610 HYÖTYNIEMI, YRJÖ. Fyra små gotar på en lybsk skilling [4 small notes on a Lübeck shilling]. *NNUM* 1 (1999) pp. 4-16 illus. In Swedish.

Money of account, exchange rates and currency on Gotland and in the Baltic region in the 12th-14th centuries are discussed. (Jens Christian Moesgaard)

611 ILIESCU, OCTAVIAN. Probleme de numismatică medievală românească [Problems of medieval Romanian numismatics]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 107-8. French summary.

The author disagrees with Radu Ocheșeanu (*BSNR* 86-87 [1992-93] pp. 139-41) on the significance of the image of Radu I, prince of Valachia, shown as an armed knight. (Eugen Nicolae)

612 ILIESCU, OCTAVIAN. Sisteme monetare adoptate pe teritoriul României în antichitate și în evul mediu. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 43-55. Monetary Systems Used on Romania's Territory during Antiquity and the Middle Ages. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 45-57.

613 ILISCH, PETER. Geld und Münze im Europa des 30jährigen Krieges. *NNb* 47 (1998) pp. 503-11 illus.

The monetary development and difficulties in the countries (German Empire, Sweden, Netherlands, France and Spain) involved in the Thirty Years War (1618-48) are surveyed. (Author)

614 ILISCH, PETER. Money and Coinage during the Thirty Years' War. Klaus Bußmann and Heinz Schilling, eds., *1648, War and Peace in Europe. Essays vol. I: Politics, Religion and society* (Münster/Osnabrück, Westfälisches Landesmuseum Münster 1998) pp. 345-51 illus. ISBN 3-88789-128-7.

615 ILISCH, PETER. Der Münzschatzfund von Burgholdinghausen-Altenberg. Claus Dahm, Uwe Lobbedey, Gerd Weisgerber, eds., *Der Altenberg, Bergwerk und Siedlung aus dem 13. Jahrhundert im Siegerland. vol.2: Die Funde* (Bonn, Dr. Rudolf Habelt 1998) p. 1.

This is a brief summary of the hoard, ca.1280, of a gros tournois and Siegen and Attendorn pfennigs. (Author)

616 ILISCH, PETER. Das Geld der Äbte. Die Werdener Münzprägung. Jan Gerchow, ed., *Das Jahrtausend der Mönche. Kloster. Welt Werden 799-1803* (Cologne, Wienand 1999) pp. 132-37 illus. ISBN 3-87909-643-0.

This is a survey of the history of the coinage of Werden abbey (11th to 18th centuries). (Author)

617 ILISCH, PETER. Eine Münze Heinrichs II. aus dem Maasgebiet. *GN* 34 (1999) pp. 73-77 illus.

Only three pairs of dies of a badly struck coin, published by Potin in 1963, have been found. However, they allow a complete reconstruction of the actual legend and allow an attribution to a royal mint of Heinrich III (1039-56) in the Maas valley. The iconographic parallels to Regensburg coins disputedly attributed to Heinrich III or to Heinrich IV as emperor (after 1084) are discussed. (Author)

618 ILISCH, PETER. Eine Nachprägung zu einem brandenburgischen Dritteltaler der Münzstätte Minden 1672. *GN* 34 (1999) pp.12-13 illus.

A contemporary imitation of a Brandenburg 1/3 taler from 1672 with mint signatures of Minden is published. (Author)

619 IONESCU, LUCIAN C. Corelații între cursul valutar al leului și balanța de plăți externe. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 469-91. Correlation between the leu exchange rate and the balance of payments. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 459-81.

620 JENSEN, JØRGEN STEEN. The Portuguese in the Nordic countries. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 249-58.

621 JENSEN, JØRGEN STEEN. Guldgylden fra Frederik III af Gottorp 1619 [A gold florin struck for Frederick III of Schleswig-Holstein-Gottorp in 1619]. *NNUM* 3 (1999) pp. 47-48 illus. In Danish.

A unique gold florin of the Gottorp Duchy on the Danish-German border, recently acquired by the Royal Collection of Coins and Medals of the Danish National Museum, is published. (Jens Christian Moesgaard)

622 JENSEN, JØRGEN STEEN. Trefoldighedskirken i Lund på mønt fra 1050'erne? [The Holy Trinity Church of Lund on a coin from 1050s]. *NNUM* 4 (1999) pp. 67-68 illus. In Danish and Swedish.

This is a presentation and discussion of Maria Cinthios' suggestion that the coin image may be of the Holy Trinity Church and its grave crypts.

(Jens Christian Moesgaard)

623 JENSEN, VIVI and JØRGEN STEEN JENSEN. En møntskat fra midt i 1700-tallet, fundet i skrænten bag hotel Koldingfjord [A mid-18th century hoard found on the slope behind the Hotel Koldingfjord]. *NNUM* 8 (1998) pp. 122-30 illus. In Danish.

624 JITARU, GRIGORE. Blazonul Basarabilor. Secolui XIV [The coats of arms of the Bassarabas. 14th century]. *Anuarul* 2 (Chişinău, Muzeul Naţional de Istorie a Moldovei 1995) pp. 19-40 illus.

The author discusses the origin and significance of the coats of arms of the princes of Valachia in analyzing some seals and coins.

(Eugen Nicolae)

625 JITARU, GRIGORE. Blazoanele dinastice şi stema de stat a Moldovei [The coats of arms of the dynasty and the state of Moldavia]. *Tyrageia* (*Anuar*) 3 (Chişinău, Muzeul Naţional de Istorie a Moldovei 1996) pp. 15-32.

The author discusses the origin and significance of the coats of arms of Valachia based on coins and seals.

(Eugen Nicolae)

626 JUNGHANS, HERMANN. Nachträge zum "Großen Deutschen Münzkatalog von 1800 bis heute" (AKS). *GN* 34 (1999) pp. 14-15 illus.

627 JUNGWIRTH, HELMUT and ROSWITHA DENK. Das österreichische Münzwesen zur Zeit Maximilians I., Karls V. und Ferdinand I. Der Stand der Arbeiten für den Band II des Corpus Nummorum Austriacorum. *MÖNG* 37 (1997) no. 2 pp. 25-38 illus.

628 JUNGWIRTH, HELMUT and ROSWITHA DENK. Die Münzen Maximilians I. und Ferdinands I. Ein Corpus als Basis und Quelle für Historie, Wirtschafts- und Geldgeschichte. 21. *Österreichischer Historikertag in Wien* 1996. *Tagungsbericht* (Vienna 1998) pp. 151-53.

629 KELLER, HERBERT. *Vor dreihundert Jahren: Silbermünzen aus Gießen. Die landgräfliche Münzstätte in der Zeit von 1693 bis 1705 und ihr*

Münzmeister Johann Adam Rebhun. Gießen, no publ. indicated 1998. 75 pp. illus.

The author discusses the history of the Hessian mint at Gießen and its mintmaster J.A.Rebhun, plus the "Gottesgabe" silver mine. (Peter Ilisch)

630 KELLNER, JANS-JÖRG. Neue Münzfunde aus Passau und dem Umland. *JNG* 47 (1997) pp. 99-116.

The author publishes various stray finds from excavations and other sites in and around the city of Passau. These finds give a sense of coin circulation among the average population and add to our knowledge of circulation from the 13th through 18th centuries, based on the study of hoards. (Gerd Stumpf)

631 KLEEBERG, JOHN M. and ARMANDO BERNARDELLI. The Gambellara, Veneto (1913) hoard. *NumAntClas* XXVII (1998) pp. 371-85 illus.

The hoard (17th century), discovered in 1913 near Vicenza, contained 56 silver coins of which half have been acquired by the state and are now at the Museo della Ca'd'Oro in Venice. Besides some coins of the Venetian mint, there are several Spanish and Hispano-American issues (mints of Potosí and Cartagena). (A. Carignani)

632 KLEIN, ULRICH. Ein seltener fränkischer Pfennig vom Anfang des 12. Jahrhunderts aus Esslingen am Neckar. *SM* 46 no. 183 (1996) pp. 90-97 illus.

633 KLEIN, ULRICH. Die Münzen und Medaillen der Grafen Wolfgang und Johann von Montfort-Rotenfels. *SM* 48 no. 190 (1998) pp. 38-46 illus.

634 KLEIN, ULRICH. Die Villingen Münzprägung. *Villingen und Schwenningen, Geschichte und Kultur* (Villingen-Schwenningen, Hermann Kuhn Verlag 1998) pp. 26-59 illus. ISBN 3-87450-035-7.

The author has brought together photographs of all accessible Villingen coins of the 11th century, which are used for a die analysis. Based on this, a new grouping and chronology are proposed. Furthermore, Klein discusses 13th-century bracteates attributed to this mint and expresses doubts about some types. There is less doubt for coins struck when Villingen was Austrian after 1326. During the 15th century, Prague groschen were countermarked by the town. (Peter Ilisch)

635 KLEIN, ULRICH. "Ausbeuteklippen" und "Geschenktaler," Zwei Zeugnisse Christophstaler Münzprägung (1625/1627). *Der Landkreis Freudenstadt, Heimat- und Jahrbuch* 1998/99 (Horb am Neckar, Geiger-Verlag 1998/99) pp. 73-78 illus. ISBN 3-89570-432-6.

636 KLEIN, ULRICH. Der Geschenktaler des Jahres 1627 mit einer Ansicht von Freudenstadt. *Schwäbischer Heimtkalender* 110 (1999) pp. 47-48 illus. ISBN3-17-015354-4.

637 KLUGE, BERND. Ein Ingelheimer Goldmünzfund von 1996. *Archäologie in Deutschland* 1999 no. 1 pp. 34-37 illus.

The author surveys the Carolingian gold coinage and the portrait coins of Charlemagne and his successor with special attention to the newly found portrait gold coin from Ingelheim. This is thought to be a posthumous issue. (Peter Ilisch)

638 KLÜSSENDORF, NIKLOT. Münzfundbericht des Hessischen Landesamtes für geschichtliche Landeskunde, Marburg, Nr. 6: 1984 bis 1986. *Fundberichte aus Hessen* 26 (1986, publ. 1998) pp. 681-793 illus.

This is a comprehensive report on the activities of coin hoard research in Hesse, containing descriptions of 18 hoards, 18 excavations and 258 stray finds from the Middle Ages up to 1873 (index included). (Author)

639 KLÜSSENDORF, NIKLOT. *Münzfundbericht des Hessischen Landesamtes für geschichtliche Landeskunde, Marburg, Nr. 8: 1992 bis 1996*. Separate pre-edition as monograph from: *Fundberichte aus Hessen* 36 (1996). Wiesbaden, Landesamt für Denkmalpflege Hessen 1998. 77 pp. illus.

This is a comprehensive report on the activities of coin hoard research in Hesse, containing descriptions of 9 hoards, 17 excavations and 283 stray finds from the Middle Ages up to 1873 (index included). (Author)

640 KLÜSSENDORF, NIKLOT. The Kharolvs gros and the aftermath of the gros tournois in Hesse. Nicholas Mayhew, ed., *The Gros Tournois, Proceedings of the Fourteenth Oxford Symposium on Coinage and Monetary History*. Royal Numismatic Society, Special Publication 31 (Oxford 1997) pp. 453-66 illus.

The gros tournois in the Frankfurt area is discussed. Particular attention is paid to the coinage of gros tournois reading KHAROLVS REX and KHAROLVS IMP which are attributed to the imperial mint of Frankfurt (after 1349 and 1355, respectively). The gros tournois was integrated in a local system of reckoning of florins, gros tournois and hellers. The Frankfurt tradition which included special types of gros tournois after a royal privilege (1428) kept the gros tournois in a token function up to 1732. (Author)

641 KLÜSSENDORF, NIKLOT. *Der Münzschatz von Geismar, Stadt Fritzlar, Schwalm-Eder-Kreis, verborgen ab 1760. Zum Umlauf des*

"Kriegsgeldes" im Siebenjährigen Krieg. Archäologische Denkmäler in Hessen 147. Wiesbaden 1998. 24 pp. illus.

The author provides a full description of a hoard with 270 silver coins, mostly 1/3 and 1/6 talers of the Seven Years' War (1756-63). The hoard was mixed up of inflationary coins from all parts of the Empire, and is typical for the monetary crisis of the wartime. Buried after 1760 in the back of the Prussian front, the hoard mirrors the activities of dealers specialized in bad coin (e.g. Anhalt-Bergburg, Mecklenburg-Schwerin).
(Author)

642 KLÜSSENDORF, NIKLOT. Münzstätte-Archiv-Museum. Standortfragen bei ausgemusterten Prägestempeln anhand der Beispiele von Fulda, Hanau, Westphalen und Kurhessen. *GN* 33 (1998) pp. 129-39 illus.

When the mints were closed, the old dies of Fulda and Hanau were transferred to the local archives which were concentrated in the Hessian State Archives in Marburg in 1870. In 1883 the archivist tried to centralize all Hessian dies and applied for the return of the dies from the Kassel mint which had been transported to Berlin after the War of 1866. At the same time, the Prussian Ministry of Finance tried to build up an archive organization for all dies at the State Mint of Berlin, the Fulda and Hanau dies had to be handed over to Berlin. After the dissolution of the "Die Archives" of the Mint in the GDR, the Hessian dies were transferred to the State Museum of Berlin.
(Author)

643 KLÜSSENDORF, NIKLOT. Das Münzwesen des Hochstifts Fulda unter Adalbert II. Von Walderdorff (1757-1759). Friedhelm Jürgensmeier, ed., *Die von Walderdorff. Acht Jahrhunderte Wechselbeziehungen zwischen Region – Reich – Kirche und einem rheinischen Adelsgeschlecht* (Cologne, Rheinischer Verein für Denkmalpflege und Landschaftsschutz 1998) pp. 213-26 illus.

This is a history of the Fulda mint in the Seven Years' War (1756-63). Like other mints of small principalities, the Fulda mint operated as a fiscal instrument by coining more than 9 tons of silver in 1/6-talers. This coinage was stopped in 1759 with the acceptance of Austrian standards (1753 convention).
(Author)

644 KLÜSSENDORF, NIKLOT. Zeitungen als Quelle zur Münz- und Geldgeschichte. Mit Beispielen aus dem Kurfürstentum Hessen und seinen Nachbarterritorien. *GN* 33 (1998) pp. 261-70 illus.

645 KOPPE, LOTHAR. Der Vierteltaler der Söhne Johann Friedrichs des Großmütigen. *NNb* 48 (1999) pp. 17-21 illus.

Quarter talers of the sons of Johann Friedrich of Saxony were struck for only a short period in 1551. They did not please the duke and were not authorized to leave the mint; however, at least some pieces did.
(Peter Ilisch)

646 KOVÁCS, LÁSZLÓ. Volt-e a honfoglaló magyaroknak kauricsigapénzük? [Did the Hungarian landowners use shells as money?] *Századok* 133 no. 1 (1999) pp. 63-84.

The German version will be published in *ActaArchHung* 51 (1999).

(Melinda Torbágyi)

647 KÜHN, WALTER. Ein unedierter und unbestimmter Brakteat. *NNb* 47 (1998) p. 515.

The author discusses a bracteate with a ruler above a shield with a half horse, struck ca. 1220, in an unidentified mint somewhere in central eastern Germany.

(Peter Ilisch)

648 LANZONI, ERMANNO. *Delle emissioni a nome di Federico I Barbarossa. Quaderni di Numismatica Ferrarese*. Ferrara, Circolo Filatelico Numismatico, no date. 35 pp. illus.

649 LEANYFALUSI, KÁROLY and ADÁM NAGY. *Magyarország fém- és papírpénzei 1926-1998 [Hungarian coins and bank notes]*. Budapest 1998.

650 LURASCHI, FABIO. La moneta da 2 franchi del Canton Ticino datata 1813. *AN* 6 no. 21 (March 1996) pp. 473-75 illus.

651 LURASCHI, FABIO. Alcune assegnazioni riguardanti monete del Canton Svitto. *AN* 8 no. 31 (September 1998) pp. 706-9 illus.

652 MAGRO, F.A., M.F. GUERRA and A. GONDONNEAU. Numária de D. Alfonso Henriques. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 189-204.

653 MAROT, T. *El tresor de sant Pere de Rodes*. Barcelona, Museu Nacional d'Art de Catalunya 1999. 64 pp.

654 MARTIN, GERHARD. Zur Stellung der Münzmeister des 14. Jahrhunderts in Leipzig und zu ihrer ökonomischen Lage. *Freiberger Münzblätter* 8 (1999) pp. 5-11.

655 MASTELLONI, MARIA AMALIA. Monete ed espressioni artistiche di periodo normanno. *Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina* 5 (1995) pp. 9-44 illus.

The author comments on the iconography and style of some Norman issues of Sicily.
(A. Carignani)

656 MATZKE, MICHAEL. Gustav Schöttle – Ein (fast) vergessener Numismatiker. Schriftenverzeichnis zu seinem 150. Geburtstag. *SM* 46 no. 184 (1996) pp. 137-140.

657 METCALF, D.M. Viking-Age numismatics, 4. The currency of German and Anglo-Saxon coins in the Northern lands. *NC* 158 (1998) pp. 345-71.

The author sets out a methodology for the study of the 11th-century currency of Scandinavia, focussing on the evidence of German coins, particularly those from the mint of Cologne, and on Anglo-Scandinavian imitations minted at Sigtuna and Skane (Lund). He explores six topics: 1, the scale of the currency, 2, the varying proportions of German and English coins in hoards, 3, pecking, 4, a comparative study of age-profiles of hoards, 5, the regional circulation of the coins minted in Sigtuna and Lund, and 6, the significance of heavy die-linkage, especially among the imitations.

(Author)

658 METCALF, D.M. Where were Suevic coins minted? *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 57-68.

659 MIRNIK, IVAN. Der Schatzfund von Rakovac. *AN* 3 no. 12 (December 1993) pp. 239-42.

The author publishes 15 coins of Antonio III Panciera (1402-11) struck in the Aquileia mint.
(Novella Vismara)

660 MISSERE FONTANA, FEDERICA. Raccolte numismatiche e scambi antiquari a Bologna fra Quattrocento e Seicento. Parte I. *BollNum* 25 (1995) pp. 161-209 illus.

661 MONTANYES, J. and X. SANAHOJA. Pellofes inèdites de Cervera. *L'Ardit* 12 (1999) pp. 31-32.

662 MORENO Y CASANOVA, JUAN JOSÉ. Aproximación a la Circulación de la Moneda Portuguesa durante la Primera Guerra Carlista. *GacNum* 130 (1998) pp. 45-56 illus.

During the Spanish Civil War of 1834/1840 opposing the partisans of D. Carlos and Isabella II, great quantities of Portuguese coins circulated in Spain, brought by Portuguese troops who fought against the *Carlistas*. Following the advice of her Mint Master, Rafael Narvaez, the Queen Regent Maria de Borbón issued in 1835 a *Real Orden* establishing the official exchange rates between the Spanish and Portuguese coins. The author describes the circumstances preceding this decision and its enforcement, concluding that its efficiency was limited; previous laws regulating the circulation of Portuguese coins in Spain since 1801 are also recalled. (*Alain Costilhes*)

663 MURGESCU, BOGDAN. Țările Române și structurile monetare europene în secolul al XVI-lea. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 257-66. The Romanian Principalities and European Monetary Patterns. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 249-58.

Based on coin hoards and information on tribute payments to the Ottoman Empire, the author analyzes the main trends in coin circulation in Romania in the 16th century. (*Eugen Nicolae*)

664 NEMEŠKAL, LUBOMIR. Der Beginn der Talerprägung in Joachimstal und die Beziehungen zwischen Sachsen und Böhmen. *Freiburger Münzblätter* 8 (1999) pp. 1-4.

665 NICULIȚĂ, ANA. Un tezaur monetar găsit în orașul Chișinău [A coin hoard found at Chișinău]. *Tyrageția* 6-7 (Chișinău, Muzeul Național de Istorie a Moldovei 1998) pp. 135-42 illus. French summary.

The hoard was discovered in 1973 and contained 3513 coins, most of them shillings. It was buried between 1555 and 1672. The coins were struck in Sweden (2562), Poland (229), Lithuania (410), Prussia (143), Hungary (1), Silesia (29) and Scotland-Charles I Stuart (11). The remaining 128 coins are unidentified.

(*Eugen Nicolae*)

666 NOGUERA, J. and X. SANAHUJA. Els menuts de Granollers del 1632. *L'Ardit* 11 (1998) pp. 33-35.

667 OCHEȘEANU, RADU. Locul și semnificația imaginii Domnului Nostru Iisus Christos pe monedele Țării Românești [The location and significance of the image of Jesus Christ on coins of Valachia]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 109-14. French summary.

The author examines coins of Valachia that some numismatists believe bear the image of Christ on the reverse where the obverse bears the portrait of the prince. The

author demonstrates that the face of the coin with the image of Christ must be considered the obverse of these pieces. (Eugen Nicolae)

668 OCHEȘEANU, RADU. "Ducatul de cruciadă" al voievodului Vlad Țepeș [The "ducat of the Crusade" of Vlad III the Impaler]. *SCN* 12 (1997, publ. 1998) pp. 193-99. French summary.

The author contests the attribution of a ducat to Vlad III the Impaler, prince of Valachia, and considers it to be an issue of Vlad I or Vlad II. (Eugen Nicolae)

669 OCHEȘEANU, RADU. Măsurile ponderale românești din veacul al XIX-lea [Romanian weights of the 19th century]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 179-82 illus. French summary.

The author publishes two weights dating before the introduction in 1866 of the metric system: a weight from the treasury of Valachia from 1845, weighing 3.5 gm. and used to verify ducats from the Low Countries, and a weight of the city of Bucharest from 1861 weighing 16.60 gm. (5 "drachms"). (Eugen Nicolae)

670 OLARU, CORNELIU. Contextul monetar internațional al adoptării și funcționării sistemului devize-aur în România. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 419-46. The international monetary context of the adoption and operation of the gold exchange system in Romania. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 407-36.

671 OLIVARES ABAD, J.M. Múltiples inédictors del ducaton. *Gac Num* 132 (1999) pp. 31-34.

672 OPASCHI, CĂTĂLINA. Aspecte ale circulației monetare în Țara Românească la începutul secolului al XIX-lea. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 333-48. Aspects of monetary circulation in Valachia at the beginning of the nineteenth century. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 323-39.

673 OZARCHEVICI, HORIA and ȘTEFAN URSACHI. Evoluția conținutului de aur și argint al leului și influența sa asupra emisiunilor monetare românești din metale prețioase. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp.

394-401. The evolution of the gold and silver equivalency of the leu and its influence upon the Romanian precious metal issues. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 383-89.

674 PALAMARIU, OLIMPIA. Monede și medalii din sec. XVII (sic) – XIX din colecția muzeului Hunedoara-Deva [Coins and medals of the 17th (sic)-19th centuries in the collections of the Museum of Deva, Hunedoara region]. *Anuarul 1* (Chișinău, Muzeul Național de Istorie a Moldovei 1992) pp. 189-91.

The author notes four coins of 1771-74 issued during the Russian occupation of Moldavia and Valachia and a medal of 1817 struck on the occasion of the visit of the emperor François I to Transylvania.
(Eugen Nicolae)

675 PAOLUCCI, RICCARDO. *La zecca comitale di Gorizia*. Brescia, Edizioni "La Numismatica" 1994. 31 pp. illus.

The author discusses the activity of the mint of the counts of Gorizia between the end of the 12th and the end of the 15th centuries, followed by a catalogue of issues from a denar of Mainardo II (1186-1232) to grossi and denari of Leonardo (1454-1500).
(A. Carignani)

676 PÂRVAN, KATIUȘA. Aspecte ale monetăriei Moldovei la sfârșitul secolului al XIV-lea. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 208-47 illus. Aspects of Moldavia's coinage at the end of the fourteenth century. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 204-40 illus.

The author publishes new Moldavian coins with the German legend MOLDERLANG (MOLDERLANT) on the reverse: 20 pieces of Petru I (1375-91) from an unpublished hoard from Corlăteni in Bosoșani, and two of Stefan I (1394-99) from the collection of N. Docan. In addition, there are four coins of Petru I from the collection of N. Docan bearing on the reverse a fleur-de-lis. The author discusses the results of analyses of these coins and offers thoughts on the typology, metrology and chronology of Moldavian issues of this period.
(Eugen Nicolae)

677 PAZ BERNARDO, J. 5 pesetas Juan Carlos I 1975-77. Diámetro 22 m/mj. Prueba? *Gac Num* 132 (1999) p. 39.

678 PELLICER I BRU, J. El cambio 1:10 y 1:12 en el medievo navarro (s. XIII). *IV Congreso Nacional de Numismática, Lisboa*. (Lisbon 1998) pp. 235-42.

679 PETRY, KLAUS. Aspekte des Geldumlaufs in Trier und St. Goar während der letzten Hälfte des 13. Jahrhunderts: Zwei Schatzfunde im Vergleich. *Trierer Zeitschrift für Geschichte und Kunst des Trierer Landes und seiner Nachbargebiete* 61 (1998) pp. 249-78 illus.

The author compares two recent hoards: one from St. Goar, buried after 1260, consisting mainly of Dutch pennies, and one from Trier, buried after 1286, consisting predominantly of local coins (Trier, Metz, Verdun) and some from Hall. The contents are compared to other hoards from the Mosel valley. The author concludes that the limits of the bishoprics in the 13th century had lost their importance as currency borders.
(Peter Ilisch)

680 PEYRET, SYLVIE. Istoria francului francez. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 370-74. The history of the French franc. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 360-64.

The author makes a brief incursion into the history of the French franc, noting some significant moments.
(Eugen Nicolae)

681 POPA, LUANA and ELISABETA MARIN. Referiri la circulația monetară din sud-estul Transilvaniei, conținute în documentele din Arhivele Statului Brașov (secolele XVIII-XIX) [Comments on coin circulation in the southeast of Transylvania, based on archival documents from Brașov (18th-19th centuries)]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 119-28. French summary.

682 PORTMANN, GERHARD. Limburger und Broicher Münzen im Spiegel schriftlicher Quellen. *Zeitschrift des Geschichtsvereins Mülheim a.d.Ruhr* 70 (1998) pp. 21-55 illus.

The author traces written sources mentioning the imitative, often fraudulent, coinage of the counts of Limburg, in Hohenlimburg and in Broich between 1430 and 1488. The neighboring cities tried to protect themselves against such coins and in 1488 a mintmaster was arrested.
(Peter Ilisch)

683 PROKISCH, BERNHARD. Zu einem Sequin der Münzstätte Orange. *MÖNG* 37 no. 2 (1997) pp. 38-41 illus.

684 REBELLO, F. Exemplar inédito de oficina de Goa. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 305-8.

685 RÖBLITZ, GÜNTHER. Fragen und Antworten zur Meißner Groschenprägung von 1382 bis 1412. *JNG* 47 (1997) pp. 77-98.

Based on G. Krug, *Die meißnisch-sächsischen Groschen 1338 bis 1500* (Berlin 1974), the author investigates the affects on the coinage of the division of 1382. He discusses the deterioration of the "Grundtypgroschen" until 1405, the new arrangement of Frederic VI's "Grundtypgroschen," the Thuringian helmet-groschen and the coinage of Frederic of Thuringia until 1412. He also reviews P. Arnold's contributions to the same subject.
(Gerd Stumpf)

686 RODRIGUES MÁRINHO, J. O echado de Sé de Lisboa – A moeda correcta na cidade ao tempo de conquista por Alfonso Henriques. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 181-88.

687 RODRIGUES MÁRINHO, J. Outra moeda visigoda falsa representada no corpus de Miles. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 119-24.

688 ROUX, C. and M.F. GUERRA. A moeda almorévida: estudo do titulo e caracteriçao do metal. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 145-68.

689 SACCOCCI, ANDREA. Moneta locale e moneta internazionale nelle fonti scritte medioevali: problemi di interpretazione. *Forma di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 137-48 illus.

With the end of the Carolingian monetary union (10th century), one of the more interesting phenomena of the late Middle Ages is the inclusion and reciprocal relationship between local issues and those coins such as Pavian issues (later Milanese and imperial) as well as Veronese and Luccan, that could be called "International." To this end, the author discusses the case of Mantua: for the period between the 10th century and 1328, archival documents mentioning the coinage are reviewed.
(A. Carignani)

690 SANAHUJA ANGUERA, X. La moneda municipal de Caldas de Montbui als segles XV i XVI. *Gac Num* 130 (1998) pp. 37-44.

691 SANAHUJA ANGUERA, X. Els menuts e Puigcerdà amb data 1576. *L'Ardit* 12 (1999) pp. 25-30.

692 SANCHES DE BAENA, J. A margem dos catálogos – variantes de cunho des moedas portuguesas de ouro de cunhagem mecânica. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 345-56.

693 SANCHEZ RECUENCO, J. Notas sobre un dinero jaqués del archiduque Carlos. *GacNum* 131 (1998) pp. 35-37.

694 SANCHEZ RECUENCO, J. Notas a cerca de un documento de 1908 sobre la detención en Asturias de un falsario y el reciente hallazgo de una moneda falsa por él acuñada. *Gac Num* 132 (1999) pp. 35-37.

695 SANTOS GOMES, C.J. A propósito de Variantes, nao referenciadas de numaria de D. Joao II (1481-1495). *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 243-48.

696 SARVAS, PEKKA. Kristofer Baijerilaisen Turun aurtua [The Turku (Åbo) örtugs of Christopher the Bavarian]. *Numismaattinen Aikakauslehti* 1 (1999) pp. 4-7 illus.

The minting of Christopher the Bavarian (1441-48) at Turku in Finland probably took place towards the end of the reign. The king does not seem to have visited Finland personally, and it is not known how the minting in his name was organized. The surviving material consists of some 20 coins. (T. Talvio)

697 SARVAS, PEKKA. Laukon kukkaron ostoarvosta [The purchasing power of the Laukko hoard]. *Numismaattinen Aikakauslehti* 2 (1999) pp. 36-41 illus.

The article is a Finnish version of *NL* 141, no. 523. (T. Talvio)

698 SĂVOIU, VASILE and MARIANA DIACONESCU. Tradiți și inovare în activitatea BNR de modernizare a sistemului de plăți în România. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 492-510. Tradition and innovation in the modernization of the payment system of the National Bank of Romania. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 482-500.

699 SCHMUTZ, DANIEL. Die Verbreitung des Schaffhauser Pfennigs 1200–1330. *Schaffhauser Beiträge zur Geschichte* 73 (1996) pp. 27-46 illus.

Based on the available written sources as well as the coin finds (hoards and excavation finds), the circulation area of the medieval pfennig of Schaffhausen is

discussed. It has a strictly regional pattern, partly because the pfennig of Schaffhausen was always challenged by more important pfennigs like that of Constance or that of Zurich, partly because the production was only small and sporadic. (*Benedikt Zäch*)

700 SCHNEIDER, JENS. Die Herkunft des Siegerländer Münzsilbers. Claus Dahm, Uwe Lobbedey and Gerd Weisgerber, eds., *Der Altenberg, Bergwerk und Siedlung aus dem 13. Jahrhundert im Siegerland. vol.2: Die Funde* (Bonn, Dr. Rudolf Habelt 1998) pp. 202-15 illus.

The author investigates the possibilities of medieval coins from Attendorn and Siegen having been struck from local lead/silver mines. As the lead isotopes in such 13th century coins more or less correlate to those from the Siegerland, the use of local silver for coinage is likely. (*Peter Ilisch*)

701 SIM, E.E. The Allegation of a mystery: a silver coin of Diu (in Portuguese India) bearing the name Antonio Telles Dux. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 299-304.

702 SIM, E.E. Portuguese coinage of the Malay Peninsula. The bastados of King Dom Manuel I. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 259-94.

703 SIM, E.E. The quatro (quadruple) tanga of Malaca. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 295-98.

704 SOUTO, JORGE. Dois Portugueses de D. Manuel I num Achado de Toledo [Two Gold *Portugueses* of D. Manuel I in a Hoard in Toledo]. *A Permuta* 91 (Porto, May/Aug. 1998) pp.13-14. In Portuguese.

The author refers to the article published in 1996 by Estrella Ocaña Rodríguez in *Numisma* 238 (NL 140 no. 657) about the hoard found in 1987 at Toledo, and describes the four Portuguese coins which were in this hoard: a *Vintem*, a *Meio Vintem*, and two *Portugueses*, all from D. Manuel I (1495-1521). The latter two extremely rare coins can be found at the Santa Cruz Museum in Toledo under inventory numbers 33.369 and 33.370. (*Alain Costilhes*)

705 SPECHT, EDITH. Münzen als Quelle in der barocken Gelehrsamkeit. *Jarhbuch des Stiftes Klosterneuburg* (Festschrift für Floridus Röhrig) N.F. 16 (Vienna/ Klosterneuburg 1997) pp. 319-30 illus.

706 STANCU, PARASCHIVA. Observații asupra începuturilor monetăriei medievale din Țara Românească (cca 1365-1377). *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura

Enciclopedică 1997) pp. 187-202. Observations on the beginnings of medieval coinage in Valachia (c. 1365-1377). *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 183-99.

The author provides a typological and metrological analysis of the first issues of Valachia and makes some suggestions regarding their chronology. (Eugen Nicolae)

707 ȘTIRBU, CONSTANȚA. Circulația monetară în timpul domniei lui Alexandru Ioan Cuza. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 349-69. Monetary circulation during Alexandru Ioan Cuza's reign. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 340-59.

The author examines issues during the reign of Alexandru Ioan Cuza (1859-66), the first ruler of the modern state of Romania, which resulted from the union of Moldavia and Valachia. (Eugen Nicolae)

708 STOENESCU, GEORGE VIRGIL. Aspecte de doctrină monetară în gândirea economică românească din a doua jumătate a secolului al XIX-lea. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 402-15. Monetary doctrine aspects in Romanian economic thinking of the latter half of the nineteenth century. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 390-403.

709 STUMPF, GERD. Egica et Wittiza, reges Hispania. Zue zwei Neuerwerbungen der Staatlichen Münzsammlung München. *JNG* 47 (1997) pp. 73-76.

The author publishes a lead seal of the Visigoth kings Egica and Wittiza, dating to ca. A.D. 700. Contemporary coinage is reviewed for comparison. (Author)

710 TALVIO, TUUKKA. Kaksi markkaa 1863 [Two marks 1863] *Numismaattinen Aikakauslehti* 3 (1998) pp. 42-43.

An apparently unique trial striking in tin is presented. The first two-mark coins were issued in Helsinki in 1865. (Author)

711 TEKİN, OĞUZ. Mersin Müzesi'ndeki Bir Grup Leeuwendaalder [A group of Leeuwendaalder in the Mersin Museum]. *Adalya* 11 (1997, publ. 1998) pp. 267-87 illus. English summary.

The article discusses 42 Leeuwendaalders (lion-dollars) acquired by the Mersin Museum (Turkey) in 1992. The coins were struck between 1576 and 1688 by the United Provinces of Netherlands. All coins are illustrated. (Author)

712 TEWES, LOTHAR. Mährisches Wappenbild ziert brandenburgischen Denar. *NNb* 48 (1999) pp. 77-78 illus.

A Brandenburg pfennig with two lions or a leopard and a lion is compared with Bohemian coins and attributed to margrave Jobst of Moravia (1397-1411).

(Peter Ilisch)

713 TOBLER, EDWIN. Die 1/6 Assis von Zug. *SM* 47 no. 186 (1997) pp. 30-62 illus.

The author gives a full descriptive catalogue with illustrations of all known types and variants (more than 100) of these small change coins of the Zug mint.

(Benedikt Zäch)

714 TONDO, LUIGI. L'immagine dell'Antico come "meta" raggiunta. Mario Iozzo, ed., ...*qual'era tutto rotto. L'enigma dell'Idolino di Pesaro. Indagini per un restauro. Catalogo della mostra, Firenze 1998* (Florence 1998) pp. 20-21 illus.

The author discusses the issues of Francesco Maria I della Rovere, Duke of Urbino, and his successors Guidubaldo I and Francesco Maria II, against the backdrop of the classical tradition.

(A. Carignani)

715 TRAVAINI, LUCIA. The Monetary Reforms of William II (1166-1189): Oriental and Western Patterns in Norman Sicilian Coinage. *SM* 46 no. 184 (1996) pp. 109-23 illus.

716 TRAVAINI, LUCIA. Moneta locale e moneta straniera nel medioevo: un grande tema da mettere a fuoco.... *Forme di contatto tra moneta locale e moneta straniera nel mondo antico, Atti del Convegno Internazionale, Aosta 1995* (Padua 1998) pp. 149-53.

The author present preliminary comments on the relationship between foreign and local coinage in the Middle Ages and the various methods adopted by central authorities to control circulating coinage, limiting the use of foreign currency whenever possible.

(A. Carignani)

717 TURSKY, HEINZ. Walzenzusammenstellung der Tiroler Taler o. J. mit jüngeren Gesichtszügen Erzherzog Ferdinands II. II. Gruppe: Mittlerer Turm von Kastilien Teil 2 und Übergangsgepräge von Gruppe II zu Gruppe III. *Haller Münzblätter* 6 no. 10/11 (May 1997) pp. 193-236 illus.

718 UNGUREANU, DRAGOȘ. Emisiunile de argint ale lui Constantin Brâncoveanu. Monede, medalii sau o încercare de a introduce un nou sistem monetar? *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 321-32. Silver coins struck during the reign of Constantin Brâncoveanu. Coins, medals or an attempt to establish a new monetary system? *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 311-22.

The author discusses silver coins of Constantin Brâncoveanu, prince of Valachia (1688-1714). Twenty-one coins formerly in the collection of the Bibliothèque de l'Académie Romane are examined. Their denominations are defined as 1.5 taler (5), 1 taler (5) and 2/3 taler (11).
(Eugen Nicolae)

719 VAJNA, EUGENIO. Falsificazioni monetali della zecca di Genova. II. Testone di Antonio Adorno. *AN* 7 no. 27 (September 1997) pp. 598-99 illus.

720 VASILESCU, ADRIAN. Leul între curse și cursuri. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 511-16. The leu between races and rates. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 501-7.

721 VASILESCU, CRISTINA. Integrarea bancară europeană. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 517-36. European banking integration. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 508-27.

722 VELTER, ANA-MARIA. Dezvoltarea mineritului în secolele XIII-XIV, factor important în înființarea monetărilor din Transilvania [The development of mining during the 13th-14th centuries and mint foundations in Transylvania]. *SCN* 12 (1997, publ. 1998) pp. 151-55. English summary.

Based on contemporary documents, the author analyzes the relationship between the important mining resources (gold and silver) and coin production in Transylvania in the 13th and 14th centuries.
(Eugen Nicolae)

723 VELTER, ANA-MARIA. Ipoteze privind începuturile monetăriei în Țara Românească. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 203-7. Hypotheses

concerning the beginnings of coinage in Valachia. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 200-3.

The author summarizes the metrology and typology of the first coins of Valachia. The author argues for the beginning of this coinage in 1364, the year Prince Vladislav I ascended the throne. (Eugen Nicolae)

724 VELTER, ANA-MARIA. Talerul-leu—precursorul monedei naționale a României moderne. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 289-93. The lion-thaler—a precursor of modern Romania's national currency. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 279-83.

725 VERDEJO SITGES, J. El resello G.P. Coronado de las Azores. *Gac Num* 130 (1998) pp. 57-60.

726 VÎLCU, AUREL. Monedă reală și monedă de cont în Țara Românească în prima jumătate a secolului al XVII-lea. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 294-320. Real money and money of account in Valachia in the first half of the seventeenth century. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 284-310.

The author presents the results of analyses of archival documents.

(Eugen Nicolae)

727 VIVES Y ESCUDERO, A. *Monedas de las dinastias arábigo-españoles. Láminas.* Madrid 1998. 240 pp.

728 VORLAUF, DIRK and NIKLOT KLÜSSENDORF. *Die evangelische Pfarrkirche St. Georg in Alten-Buseck, Kreis Gießen. Ergebnisse der archäologischen Untersuchungen in den Jahren 1995 und 1996* (Archäologische Denkmäler in Hessen 144). Wiesbaden, Landesamt für Denkmalpflege Hessen 1998. 20 pp. illus.

The authors provide a description and archaeological evaluation of 34 stray finds (medieval hellers and regional small coins from Hesse, South Germany and Thuringia up to 1803) from the church aisle of Alten-Buseck (Hesse) against the background of the archaeological situation. (Niklot Klüssendorf)

729 V. SZÉKELY, GYÖRGY. 16 századi éremlelet Pálmonostoráról. A tallérforgalom első évtizedei Magyarországon [A hoard in Pálmonostora in the 16th century. The first decade of talers in Hungary]. *Cumania* 15 (1998) pp. 5-92. German summary.

730 ZÄCH, BENEDIKT. *Münzfunde des Mittelalters und der Neuzeit im Kanton St. Gallen*. Museumsbrief 72. St. Gall, Stiftung St. Galler Museen 1995. 20 pp. illus.

An outline is given on the medieval and modern coin finds in Eastern Switzerland. Patterns of circulation are discussed as well as monetary influences from outside, because the vast majority of coins circulating in this region were not minted locally. (Author)

731 ZÄCH, BENEDIKT and RAHEL C. Warburton-Ackermann. Die Münzfunde aus der Winterthurer Altstadt 1807–1994. *Archäologie im Kanton Zürich 1993-1994, Berichte der Kantonsarchäologie Zürich* 13 (Zurich 1996) pp. 205-38 illus.

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

General, nos. 1, 8, 10, 14

Technology and Methodology, no. 50

Roman, no. 272

Eastern Europe and the Balkans, nos. 737, 741, 742, 743, 747, 749.

EASTERN EUROPE AND THE BALKANS

732 GIACOSA, GIORGIO. Il ducato d'oro di Caffa. *AN* 8 no. 29 (March 1998) pp. 649-58 illus.

733 GONCIAROVA, IRINA. Tezaurul de monede rusești de la sf. Sec. Al XIX-lea – înc. Sec. Al XX-lea de la Chișinău [The hoard of Russian coins of the end of the 19th-beginning of the 20th century from Chișinău]. *Tyragetia* 6-7 (Chișinău 1998) pp. 355-58. French summary.

The hoard, discovered in 1971, contains 84 Russian silver coins struck between 1861 and 1915. (Eugen Nicolae)

734 IVANAUSKAS, EUGENIJUS. Münzmeister Simon Lüdemann in Litauen. *GN* 34 (1999) pp. 10-11 illus.

The author surveys the activities of the German Simon Lüdemann as mintmaster in Vilnius 1597 to 1599.
(*Peter Ilisch*)

735 JITARU, GRIGORIE P. Contribuții la istoricul blazonului Basarabilor. Contributions concernant l'origine des armoiries des Bassarabas. *Anuarul 1* (Chișinău, Muzeul Național de Istorie a Moldovei 1992) pp. 27-36 illus.

736 KRASNOV, GJURO. Dvostruko kovani slavonski banovac [Doublestruck Slavonian banal denar]. *Numizmatičke vijesti* 51 (1998) pp. 24-26 illus. English summary.

The author reviews available information on a find ca. 1971 near Bjelovar of four banal denars, including a double-struck example of the rare issue of Ban Nikola (1322-25) which is illustrated.
(*Charles B. Smith, Jr.*)

737 KRNČEVIĆ, ŽELJKO. Novi srednjovjekovni nalazi iz Šematorija na Danilu [New medieval finds at Šematorij in Danilo village]. *Vjesnik za arheologiju i historiju dalmatinsku* 86 (1994) pp. 275-86 illus. Italian summary.

The author publishes the 1981 conservation investigation of 29 graves at "Stari Šematorij" near the church of St. Daniel, six of which yielded finds primarily of jewelry, but including a well-preserved Venetian soldino of Andreja Dandolo (1343-45) found under the head of the burial in Grave 5.
(*Charles B. Smith, Jr.*)

738 LEIMUS, IVAR. Die Revaler Münzmeister des 17. Jahrhunderts. *GN* 34 (1999) pp. 90-94 illus.

This is the German version of an article first published in Estonian in 1997 about the mintmasters.
(*Peter Ilisch*)

739 MAŽURAN-SUBOTIĆ, VESNA. Prijedlozi Ive Kerdića za novac Kraljevine Jugoslavije 1937. Godine [Proposals of Ivo Kerdić for coins of the Kingdom of Yugoslavia in 1937]. *Numizmatičke vijesti* 51 (1998) pp. 89-93 illus. English summary.

Recently discovered documents show Kerdić was commissioned to provide coin designs, and delivered plaster models for 50-, 20-, 10-, 2- and 1-dinar coins.
(*Charles B. Smith, Jr.*)

740 MIRNIK, IVAN. Skupni nalazi slavonskih banovaca u numizmatičnoj zbirci Arheološkog muzeja u Zagrebu [Hoards of Slavonian banal denars in the numismatic collection of the Archaeological Museum in

Zagreb]. *Vjesnik Arheološkog muzeja u Zagrebu* 24-25 (1991-92) pp. 183-248 illus. German summary.

The author catalogues and illustrates 13th-14th century denars and obols, including forgeries, in the AMZ collection which originated in 12 hoards. Designs, inscriptions and weights are analyzed. Details of the discovery, cataloguing and disposition of each hoard are given.
(Charles B. Smith, Jr.)

741 NICOLAE, EUGEN and ADRIAN POPESCU. Descoperiri monetare de la Dridu, jud. Ialomița [Coin finds from Dridu, Ialomița region]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 291-96 illus. French summary.

The authors publish 17 coins found during archaeological excavations: Valens (1); Bulgaria – Ivan Sracimir (1); Valachia – Vladislav I (1), Radu I (1) and Mircea the Old (2); Hungary – Ferdinand I (1); Russia – Elizabeth Petrovna (1); Ottoman empire – Ahmed III (2), Mahmud I (2), Osman III (2), Mustafa III (1) and one unidentified; and the city of Regensburg (1).
(Eugen Nicolae)

742 NICULIȚĂ, ANA. Două tezuri de monede și obiecte de podoabă medievale din fondurile Muzeului de Arheologie din Chișinău [Two medieval hoards of coins and gems from the collection of the archaeological museum at Chișinău]. *Revista Arheologică* 1 (Chișinău 1993) pp. 130-38 illus.

The hoard of Sângerei, discovered in 1972 in a ceramic vase, contained four gems and 29 silver coins of the 16th century, the latest from 1597: Poland (1), Lithuania (25), Prussia (1), Göttingen (1) and Lubeck (1). The hoard of Hâjdieni in Glodeni, dated ca. 1650, contained only four gems and three silver coins (2 of Utrecht and one of Emden).
(Eugen Nicolae)

743 PAIUL, VERA. Tezaurul monetar din secolele XVI-XVII de la Caterinovca, Camenca [The hoard of the 16th-17th centuries from Caterinovca, Camenca region]. *Tyragetia* 6-7 (Chișinău, Muzeul Național de Istorie a Moldovei 1998) pp. 129-34 illus. French summary.

The hoard was discovered in 1957 and contained 89 silver and billon coins from 1501-1616, distributed as follows: Lithuania (58), Poland (20), Riga (3), Prussia (1) and the Holy Roman Empire (7).
(Eugen Nicolae)

744 POGAČNIK, ALBIN. Problematika proučavanja slovenskih i hrvatskih srednjovjekovnih "frizatika" [Problems in the study of Slovenian and Croatian medieval friesacher pfennige]. *Numizmatičke vijesti* 51 (1998) pp. 45-48 illus. English summary.

The author of the most recent detailed catalogue of Friesach pfennige from the territories of Slovenia and Croatia outlines the status of research into these issues and

notes unresolved problems. A manuscript page from an unpublished catalogue by Egon Baumgartner is provided. (Charles B. Smith, Jr.)

745 SREČKOVIĆ, SLOBODAN. Osmanlijske kovnice na teritoriji srpskih zemalja [Ottoman mints on Serbian territories]. *Radionice i kovnice srebra* (Belgrade, Narodni muzej Beograd 1995) pp. 301-308 illus. English summary. ISBN 86-7269-021-4.

The author details the chronology of minting activity under the Ottoman Empire by each of the nine mints on the territories now belonging to Bosnia, Serbia and FYRO Macedonia. The author notes that a 1967 evaluation of inadequate investigation of finds of Turkish coins by the Belgrade National Museum is still valid for Serbian museums as a whole. (Charles B. Smith, Jr.)

746 SUCHODOLSKI, STANISLAW. The finds of small coin complexes, or the problem of monetary resources of "ordinary people" in medieval Poland. *NumAntClas* 27 (1998) pp. 335-43.

The author provides a brief review of and commentary on 10th-13th century hoards of small coins found in Poland. (A. Carignani)

747 TONEV, ANDREY and SVETLA ALEXANDROVA. Srednovekovni evropejski moneti ot fonda na Istoricheski muzej - Montana [Medieval European coins from the collection of the History Museum - Montana]. *Studia Numismatica* 3 no. 1-2 (Sofia 1998, publ. 1999) pp. 34-37 illus.

748 TÓTH, CSABA. Circulația monetară în două orașe din Ungaria în secolele XIV-XV în lumina descoperirilor numismatice. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 248-55. Monetary circulation in two Hungarian towns in the fourteenth-fifteenth centuries in the light of coin finds. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 241-48.

The analysis concerns the towns of Buda and Visegrád, former capitals of the kingdom of Hungary, where ca. 3000 and 1000 coins, respectively, have been found. (Eugen Nicolae)

749 TRAVKIN, SERGHEI. Descoperiri numismatice din Orheiul Vechi (anul 1987) [Coin finds at Orheiul Vechi in 1987]. *Revista Arheologică* 2 (Chișinău 1998) pp. 163-65. German summary.

During archaeological excavation, 37 coins were found: the Golden Horde (30 anonymous coppers, of which 29 are of the rosette type of the period of Canibeg and a

local issue of Şehr al-cedid), Moldavia (3 of Alexandru cel Brun and one of Ştefan cel Mare), Poland (Jean Albert 1) and Sweden (1 of Gustave Adolphe, 1 of Christine).

(Eugen Nicolae)

750 VELTER, ANA-MARIA. O monedă necunoscută emisă de Gabriel Báthory în anul 1608 [An unknown coin issued by Gabriel Báthory in 1608]. *BNSR* 88-89 (1994-95, publ. 1998) pp. 115-18 illus. German summary.

The author presents an unpublished Transylvanian issue of ½ gros according to the Polish monetary system. The piece comes from an unpublished hoard discovered at Sighișoara and containing 3812 silver coins of Transylvania, Poland, Hungary and some German cities.

(Eugen Nicolae)

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstracts:

General, nos. 8, 21

Greek, no. 100

Byzantine, no. 428

Western and Central Europe, nos. 560, 577, 665.

THE AMERICAS

UNITED STATES

751 COLEMAN, RICK. Series VII Restrikes—The Breen Effect. *PW* 32 no. 6 (November 15, 1998) pp. 396-401.

Researching proof half cents, the author has re-examined what Walter Breen labeled series VII restrikes; based on his research he has concluded that there is not enough evidence to justify using that label on any coins. Coleman cites several examples of coins which Breen classified as being both originals and restrikes (the Breen Effect) at the same time. Close study of photos, metrological study and detailed pedigree work were the basis for the author's conclusions. (Thomas Serfass)

752 GREER, BRIAN. A Counterfeit 1860-S Half Dollar. *GobrechtJ* 25 no. 74 (March 1999) pp. 48-50 illus.

A contemporary counterfeit from the 19th century, possibly made of German silver, this coin features a 0 repunched over a 4. The F in HALF and L in DOLLAR are boldly repunched. The author indicates that there are also misshapen letters on the reverse. A spur on the D of DOLLAR leads the author to surmise the 1864-S was the coin from which the counterfeiters worked.

(Thomas Serfass)

753 HERRMAN, STEPHEN J. and GLENN R. PETERSON. Rarity Ratings for Capped Bust Half Dollars: History & Update. *JRJ* 12 no. 1 (December 1998) pp. 6-11.

The bust Half Nut Club has been working to update the rarity ratings, especially of R4 and rarer coins. They have recommended 27 rarity changes, several sub-variety changes as well as recommending the elimination of three sub-varieties. Additionally, there is a set of tables that review the rarity ratings at five major revisions from 1970 through 1998. This takes the rarity ratings from the publication of Overton's book to the present. *(Thomas Serfass)*

754 HILL, KEN. Double Struck Capped Bust Halves. *JRJ* 12 no. 1 (December 1998) pp. 27-32 illus.

The author provides information and photos of double-struck coins. This article contains information on 19th-century minting malfunctions as well as descriptions of the coins themselves. There is a summary of double-struck, triple-struck and brockage coins in the series at the conclusion of the article. The coins described are 1812 O193, 1819 O101, 1830 O103, 1825 O111 and 1817 O112. *(Thomas Serfass)*

755 McCLOSKEY, JOHN W. Appreciation of Liberty Seated Quarters, Half Dollars and Dollars from the Pittman Collection. *GobrechtJ* 25 no. 73 (November 1998) pp. 38-45.

The author provides rarely available acquisition and prices realized data for a long list of coins. In an effort to give some perspective on the raw data, he includes price deflator factors and a "relative purchasing power" analysis to add value to the raw data. The elements of the author's charts include lot number, date and mint mark, grade, year acquired, purchase price, sales price, multiple of appreciation, depreciation of the dollar and relative purchasing power. The author presents 63 quarters, 59 halves and 30 dollars. *(Thomas Serfass)*

756 McCLOSKEY, JOHN W. Denticle Patterns for Liberty Seated Half Dollars. *GobrechtJ* 25 no. 74 (March 1999) pp. 37-41 illus.

The author explains the value of having accurate denticle counts for various half dollars. These can be used in verifying hubs and changes in hubs for the obverse and reverse as well as identifying counterfeit coins. Even in cases where denticle counts are the same across dies, the relative position of the denticles vis-à-vis the lettering provides crucial information. Wiley and Bugert compiled much of this information in their reference book and the author acknowledges their work. Specifically mentioned is an 1877 counterfeit half dollar. While other evidence of its falsity is present, denticle count is another important criterion which can help keep spurious pieces out of collections. *(Thomas Serfass)*

757 NEWMAN, ERIC P. and A. GEORGE MALLIS. *U.S. Coin Scales and Counterfeit Coin Detectors*. St. Louis, Missouri, EPNES 1999. 389 pp. illus.

The authors' collaboration of many years comes to fruition in this book. Every detail available about the scales, their creators, their patents, uses of the scales and other personalities involved in the scale business are described. Detailed drawings and schematics provide the curious amateur inventor with hours of inquiry. The book is presented in sections, with no global pagination. Sections include: Historical background of scale use with specie; U.S. patents; known devices without known patents; illustrated descriptions of known mechanisms and known manufacturers of American coin scales and counterfeit detectors. Several colorful personalities including John Allender, John Thompson and John Dye of Bank Note Detector fame are described. *(Thomas Serfass)*

758 OSBURN, DICK. 1853 Doubled Die Reverse Half Dollars. *GobrechtJ* 25 no. 74 (March 1999) pp. 12-18 illus.

Breen listed one variety of this date, but the author's research has revealed four distinct varieties. Variety 1 is characterized by doubling on "almost all the reverse letters," while Variety 2 can be identified by strong doubling on the lower left border of the shield and the top half of the H in HALF. Additional features on the obverse help identify Variety 2. A die crack above the head from the cap through the 8th star provides additional confirmation as to Variety 2. Variety 3 shows clear doubling on the left side of TED in UNITED and is the only one of the first three to do so. Variety 4 is most easily identified by what it lacks. There are no obverse die markers and the doubling is much less pronounced throughout the reverse. Doubling of the feathers below the shield tip is among the most prominent features. *(Thomas Serfass)*

759 PERKINS, W. DAVID. Die State Study for the Very Rare 1798 B-16 Dollar. *JRJ* 12 no. 1 (December 1998) pp. 21-24 illus.

Bolender had seen only one specimen and thought there could be as few as two. The author provides the history of this R-7 coin. The author was able to assemble data for six coins and provides excellent photos of the die's deterioration.

(Thomas Serfass)

760 REINOEHL, BRUCE. Die State Development in Early Copper Coinage. *PW* 33 no. 2 (March 15, 1999) pp. 60-64 illus.

The author presents a well-reasoned scenario to explain die deterioration with a focus on the way die steel was likely hardened in the 19th century. He explains the weaknesses of that hardening process and how the action of striking coins would exacerbate that weakness and lead to die failure. *(Thomas Serfass)*

761 SHOLLEY, CRAIG. Some Comments on Early Steam Press Coinage. *GobrechtJ* 25 no. 73 (November 1998) pp. 3-7 illus.

This article provides a wealth of historical support for the author's contentions. The main questions are when the steam coinage began and exactly which coins were produced and at what times on the steam press vs. the older screw presses still being utilized in 1836. (Thomas Serfass)

762 TROLLAN, DAN. Lettered Edge Blunders on Early Large Cents. *PW* 33 no. 2 (March 15, 1999) pp. 72-74.

The author provides a complete listing of the known errors/blunders on lettered edge early large cents. The variety of the coin (by Sheldon number), the location of the information or pedigree, and the error or blunder (often with the exact lettering written out) are provided. (Thomas Serfass)

763 WEEKS, EDWARD and BOB VAIL. The Doctor Thomas Hall Collection of Sheldon Variety Large Cents, Part Two. *PW* 32 no. 6 (November 1998) pp. 407-17 illus.

The authors present the information from Dr. Hall's collection with photos when possible. This includes variety, acquisition price, and provenance information where available. The current installment is comprised of the 1794 varieties. (Thomas Serfass)

764 WEEKS, EDWARD and BOB VAIL. Later Pedigrees of the T. Hall Large Cents, Part III. *PW* 33 no. 1 (January 15, 1999) pp. 7-17 illus.

Another installment is presented in a series on the Dr. Thomas Hall Collection. The coins dealt with in this installment range from one last 1794 to 1798. Illustrations of the coins are provided where possible along with pedigree information. (Thomas Serfass)

765 WEEKS, EDWARD and BOB VAIL. Later Pedigrees of the Thomas Hall Large Cents: Part Four. *PW* 33 no. 2 (March 15, 1999) pp. 75-85 illus.

The concluding installment in this series on the varieties and pedigrees of the famous Thomas Hall collection of large cents is published. Photos of the coins are provided where available as well as some pricing information. (Thomas Serfass)

766 WILLIAMS, RAY. New Jersey Coppers, Part 40: Maris 6D. *PW* 32 no. 6 (November 1998) pp. 418-20 illus.

The relatively common Maris 6D variety is described in detail (and further reference provided). The top 50 condition census coins are recorded. The conditions range from Unc to VF. Key diagnostics are illustrated. (Thomas Serfass)

767 WILLIAMS, RAY. N.J. Coppers, Part 41: Maris 7C, 8F, 8 ½ C. *PW* 33 no. 2 (March 15, 1999) pp. 70-71 illus.

The author presents three extremely rare varieties in this installment. Each is illustrated and described. The 7C was discovered by James Ruddy and remains unique. The pedigree is provided to date. Both 8F and 8 ½ C have only three specimens known to the author and those are presented. (Thomas Serfass)

MEXICO, CENTRAL AND SOUTH AMERICA

768 CALLEGHER, BRUNO. Le monete dell'imperatore Massimiliano del Messico. F. Busatta and S. Busatta, eds., *Da Montezuma a Massimiliano. Itinerari messicani attraverso le "Camere delle Meraviglie" e la Collezione Bottacin* (Padua 1998) pp. 51-53 and 132-33 illus.

Based on coins in the Museo Bottacin, the author comments on Mexican issues of Emperor Maximilian between 1864 and 1867. Using heraldic typology reminiscent of the coinage of Napoleon II, Maximilian introduced the decimal system with copper centavos and silver and gold pesos, reforming the earlier Spanish system of silver reales and gold escudos. (A. Carignani)

769 CALLEGHER, BRUNO. La "Raccolta Messicana" nelle Collezioni del Muso Bottacin. F. Busatta and S. Busatta, eds., *Da Montezuma a Massimiliano. Itinerari messicani attraverso le "Camere delle Meraviglie" e la Collezione Bottacin* (Padua 1998) pp. 45-50 illus.

770 CARDOSO LUDOLF, D. Os primórdios da numismática no Brasil e a coleção do Museu Histórico Nacional. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 457-76.

771 DENK, ROSWITHA. Die Münzprägung Maximilians von Mexiko. *Die Münze* Nov./Dec. 1997 pp. 10-11 illus.

772 GUERRINO, A.A. Medicina y numismática en la Argentina. *Gac Num* 130 (1998) pp. 61-72.

773 MARQUES DA COSTA, C. Barras de Ouro do Brasil. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 331-44.

774 MONTENEGRO, CARLOS. Monedas de la Ceca de Potosí que Señorearon al Mundo. Primera Parte. *Boletín Cultural de la Sociedad Numismática Boliviana* 11 no. 10 (La Paz, Dec. 1997) pp. 14-23 illus.

The pieces of eight reales coined at the Potosí Mint were widely counterstamped all over the world to circulate as local money. Brazil was one of the main countries to use such coins. Eight other countries (including Great Britain under George III) are listed and their counterstamped coins illustrated. (Alain Costilhes)

For additional references to the numismatics of Mexico, Central and South America, see the following abstract:
Western and Central Europe, no. 631.

MEDALS AND DECORATIONS

775 AKBAS, I. The Eras of Orders According to their Back Types and Stamps. *Notes of the First International Numismatic Symposium*. 9-10.XI.1993 (Istanbul, Turkish Numismatic Society 1999) pp. 335-45. Text in Turkish and English.

776 ALTERI, GIANCARLO. *Medaglie papali del Medagliere della Biblioteca Apostolica Vaticana. Catalogo della Mostra*. Vicenza/Rome 1995. 153 pp. illus.

The exhibit included 115 papal medals from Eugene IV (1431-47) to John Paul II. (A. Carignani)

777 ANDRIEŞ-TABAC, SILVIU. Pagini de heraldică orheiană [On the decorations of Orhei]. *Basarabia* 11-12 (Chişinău 1997) pp. 9-14 illus.

The author discusses the origin and evolution of heraldry of the medieval Moldavian city of Orhei. (Eugen Nicolae)

778 ARNOLD, PAUL. Der Königlich Sächsische Damenorden. *Dresdner Kunstbl* 42 no. 6 (1998) pp. 206-9.

779 BARCLAY, CRAIG. Chatelperron 1998. *The Medal* 33 (Autumn 1998) pp. 113-15.

The British Art Medal Society's annual conference for 1998 was held at Chatelperron in France. The conference is reviewed, with brief notes on the academic papers delivered, the practical workshop sessions held and the site visits made by delegates. (Author)

780 BEKKER, GERD. *Europäischen Plaketten und Medaillen vom 15. Bis zum 18. Jahrhundert. Bestands- und Verlustkatalog der Sammlung des Grassimusums Leipzig / Museum für Kunsthandwerk.* Leipzig 1998. 195 pp. illus.

781 BELOHRADSKA, L'UBA. Karol Lacko: a unique Slovak medallist. *The Medal* 33 (Autumn 1998) pp. 99-102.

Karol Lacko was born in 1938. He is a student of Rudolf Pribis, active since the 1960s. He transformed the classical medal into a double-sided symmetrical object. He has worked with the Paris mint, and he was the author of the medal for the FIDEM Congress, Prague, 1969. (Author)

782 BOICESCU, SIMONA. Medalia generalului Vasile Rudeanu [A medal dedicated to General Vasile Rudeanu]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 199-203 illus. English summary.

783 BOICESCU, SIMONA. Teme medicale în opera gravorului Tony Szirmai [Medical subjects presented in the work of medallist Tony Szirmai]. *MuzNat* 10 (1998) pp. 65-70. English summary.

The author publishes the Medal of the International Conference Against Tuberculosis (Copenhagen, 1904), the Medal of the Congress of the International Association Against Tuberculosis (The Hague, 1906), the Medal of the International Congress of Medicine (Lisbon, 1906), the Plaque of the 6th International Conference Against Tuberculosis (Vienna 1907), the Medal of the 11th International Congress Against Alcoholism (Stockholm, 1907), the Plaque of the International Conference for the Study of Cancer (Paris 1910) and the Medal of the Sanitary Conference (Paris, 1911). On each of these pieces is inscribed "participation de la Roumanie."

(Gh. Ponearu Bordea)

784 BRIVIO, ERNESTO, ed. *Paolo VI. Una luce per l'arte. Catalogo della Mostra, Milano 1998-1999.* Milan, Silvana Editoriale 1998.

In this exhibit devoted to the relationship between Paul VI and the world of artists and the arts, were displayed a series of medals bearing the effigy of the pontiff, works of famous sculptors and contemporary engravers, among them E. Greco, P. Fazzini, L. Scorzelli, A Tot, E. Manfrini and A. Fabbri. (A. Carignani)

785 CAMPIGNOLO, MATTEO. La réformation à Genève: monnaies, médailles et marques typographiques au service d'une idée. *SM* 46 no. 182 (1996) pp. 30-37 illus.

786 CHIBA WALTER. Auszeichnungen der Vereinten Nationen. *ZöstGesOrd* 28 (November 1997) pp. 5-9.

In 1966 the U.N. created medals for the members of peace-keeping missions that, with few exceptions, were distinguished only by the colors of the ribbons. These are described and illustrated (but only in black and white). (Karl Schulz)

787 CHINESE PEOPLE'S REVOLUTIONARY MUSEUM. *Illustrated Collection of Badges in the Chinese People's Revolutionary Museum*. Jinan City, Shandong ?? Publishers 1997. 133 pp. illus. ISBN 7-80603-104-9/E.1 In Chinese.

Almost 1200 military medals and badges are illustrated and attributed. Most were used by the People's Republic and its predecessors, but 200 are from Nationalist organizations and other nations that had troops in China (principally Japan, Manchukuo, and Japanese client governments). (Joseph E. Boling)

788 CHIROȘCA, ADELAIDA. Iulius Popa și colecția sa de medalii "Eminesciana" [Iulius Popa and his collection of "Eminesciana" medals]. *Tyragetia* 6-7 (Chișinău, Muzeul Național de Istorie a Moldovei 1998) pp. 367-74 illus. French summary.

The collection illustrates the life and work of the Romanian poet Mihai Eminescu. (Eugen Nicolae)

789 CIOBANU, DOINA. Medalii acordate ca premii de școlile de arte frumoase (a doua jumătate a secolului al XIX-lea) [Prize medals awarded by the schools of fine arts (second half of the 19th century)]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 189-93 illus. French summary.

790 CIOBANU, DOINA. Medalii decernate pictorului A. Baltazar [Medals awarded to the painter A. Baltazar]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 195-97 illus. French summary.

791 CIOFU, VALERIAN L. Medaillenkunde der Deutschen im Rumänischen Raum. *BSNR* 88-89 (1994-95, publ. 1998) pp. 205-15 illus.

792 FASSBINDER, STEFAN. Religiöse Anhänger und Medaillen. Eine wertvolle Quelle zur Frömmigkeitsgeschichte. *GN* 34 (1999) pp. 19-23 illus.

Religious medals and badges found in archaeological context in southwest Germany are treated as a source for religious history. (Peter Ilisch)

793 FRECH, CHRISTIAN. Das Ehrenzeichen für Verdienste um das Bundesland Oberösterreich. *ZöstGesOrd* 28 (November 1997) pp. 10-13 illus. Die Ehrenzeichen des Bundeslandes Oberösterreich—Teil 2. *ZöstGesOrd* 32 (November 1998) pp. 7-12 illus.

794 FRIEBE, HANS and CHRISTEL GRAU. Abraham Gottlob Werner—Medaille auf seinen 250. Geburtstag. *Freiberger Münzblätter* 8 (1999) pp. 35-36.

795 GATTINGER, KARL. Ein Ordensprojekt des Bundesstaates Österreich. *ZöstGesOrd* 28 (November 1997) pp. 1-4 illus.

New orders and decorations were to be instituted in Austria in 1934. Designs and models were created. This project was ultimately allowed to die, and the old orders were bestowed again with new variants. (Karl Schulz)

796 GATTINGER, KARL. Eine Kleindekoration des Militärverdienstkreuzes I. Klasse (1935). *ZöstGesOrd* 29 (February 1998) pp. 1-3 illus.

797 HERHOLZ, HELMUT. Die BHT-Medaillen der TU Bergakademie Freiberg. *Freiberger Münzblätter* 8 (1999) pp. 23-24.

798 HERNACH, GERHARD. Das Armeekreuz 1813/1814, im Volksmund Kanonenkreuz genannt. *ZöstGesOrd* 32 (November 1998) pp. 15-22 illus.

The author discusses the origin and development of the decorations established by Franz I of Austria during the Napoleonic Wars. (Karl Schulz)

799 HRDY, JOSEF L. Der Jagdorden des Grafen Franz Anton Sporck—ein Barockphänomen in Böhmen. *ZöstGesOrd* 26 (May 1997) pp. 10-19 illus.

The author discusses the personages who received this order and the background of the decoration. (Karl Schulz)

800 IEVREINOV, ALEXANDRU. Medalii românești cu efigie din perioada 1990-1993 [Romanian medals with portraits dated to 1990-1993]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 217-43 illus. French summary.

801 IMPOLA, HEIKKI. Uuden Venäjän kunniamerkit [The orders and decorations of the new Russia]. *Numismaattinen Aikakauslehti* 2 (1999) pp. 44-48.

802 JAVADHISHIVILI, NIKO. *Kartuli faleristika (Jildotmcodneoba) [Georgian Phaleristics (Awards Expertise)]*. Tbilisi, Farnavazi 1995. 96 pp. illus. In Georgian with Russian and English summaries.

This is the first monograph on Georgian phaleristics, and it shows that Georgians have enjoyed awards of honor for many years. The monograph shows that there have been attempts to introduce Georgian medals and orders within the country and abroad since the end of the 18th century, although only some of these attempts have been successful.
(G. Djaparidze)

803 JAVADHISHIVILI, NIKO. *Dajildoebis cesi dzvel sakartveloshi [Awards in ancient Georgia]*. Tbilisi, Intelekti 1998. 28 pp. In Georgian with English summary.

The question of medals in Georgia had not been studied before this work. The author shows that awarding orders and medals was alien to ancient Georgia; instead, Georgians had a tradition of giving land, money, slaves, horses, precious items and weapons. Of these, special attention is paid to weapons and equipment given for military actions and bravery.
(G. Djaparidze)

804 JAVADHISHIVILI, NIKO. *Tamar mefis ordeni (germanul-kartuli samxedro-politikuri aliānsis istorīdan) [Queen Tamar Order (from the history of the German-Georgian military and political alliance)]*. Tbilisi, Intelekti 1998. 80 pp. illus. In Georgian and German.

This work deals with the history of Queen Tamar's order, making it clear that the order was the product of the German-Georgian military and political alliance; it also deals with those who fought for restoring and maintaining Georgian independence. The book also includes an overview of the activities of the Order of Queen Tamar Organization for cripples and veterans.
(G. Djaparidze)

805 JENSEN, J. STEEN. The Danish-Norwegian medallist Mikkel Røg and a medal of king John V of Portugal. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 441-44.

806 JENSEN, JØRGEN STEEN. Fra Lofoten til Lissabon - eller da Mikkel Røg lavede medalje for kongen af Portugal [From Lofoten to Portugal - when Mikkel Røg made a medal for the king of Portugal]. *NNUM* 2 (1999) pp. 26-29 illus. In Danish.

A Danish-Norwegian medallist made a medal for the Portuguese king in 1716 in Paris.
(Jens Christian Moesgaard)

807 JITARU, GRIGORE. *Blazoane domnești în Țara Românească și Moldova, sec. XII-XV [Coats of arms in Valachia and Moldavia in the 12th-15th centuries]*. Chișinău, Editura Uniunii Scriitorilor 1997. 213 pp. illus.

808 KAISER, HANS. *Medaillen, Plaketten, Abzeichen der deutschen Luftfahrt*. Gütersloh, Münzhandel + Verlag B. Strothotte 1998. 654 pp. illus. ISBN3-9804467-5-1.

809 KLEIN, ULRICH and ALBERT RAFF. 'Zu Pregung einer guldinen Mesdailles für den Mahler Huber von 16 ½ Ducaten'. Bemerkungen zur Tätigkeit des Schweizer Malers Johann Rudolf Huber für Herzog Eberhard Ludwig von Württemberg in der Zeit um 1700. *SM* 46 no. 182 (1996) pp. 38-44 illus.

810 LAUERWALD, PAUL. Städtische Ereignisse im Medaillenbild. *Beiträge zur Heimatkunde aus Stadt und Kreis Nordhausen* 23 (1998) pp. 55-62.

811 LESSEN, MARVIN. The Commonwealth naval medals for 1653, by Simon. *BNJ* 67 (1997) pp. 48-72 illus.

In August 1653, at the successful conclusion of the first Dutch war, Parliament authorized Thomas Simon to make gold medals as awards to naval officers. A total of 169 medals were made with three different border sizes, and some had chains. In 1654, 168 medals were delivered, and a final one as late as June 1656. Simon's detailed financial account of 23 August 1656 is the key document. (Author)

812 MAHRUKI, C. The Medal of Hatira-i Abide-i Meshrutiyet. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 327-34. Text in Turkish and English.

813 MAREŠ, JOSEF and PETER HAUSER. Wenzel Seidan und seine Werke. *MÖNG* 38 (1998) pp. 49-64, 69-81 illus.

Hauser has translated into German Mareš' 1934 essay from *Numsimatický Časopis Československý* on the life and work of the Prague medallist Wenzel Seidan. (Karl Schulz)

814 MARTINS FERREIRA, J.M. Da medicina na medalhística. *IV Congresso Nacional de Numismática, Lisboa* (Lisbon 1998) pp. 403-40.

815 MATIKKALA, ANTTI. The orders, decorations and medals of Finland. *Settentrione, Rivista di studi italo-finlandesi* N. S. 10, 1998 (Turku, 1999) pp. 254-60.

This is a short survey with bibliographical information. (T. Talvio)

816 MAUÉ, HERMANN. Zwei Buchdruckermedaillen auf Henricus Petri in Basel und Johann Petreius in Nürnberg. *SM* 46 no. 182 (1996) pp. 22-29 illus.

817 MEER, GAY VAN DER. The beggars' medals worn by the rebellious Dutch nobles in 1566. *The Medal* 33 (Autumn 1998) pp. 14-22 illus.

The author has investigated contemporary accounts dealing with various aspects of the Beggars' medals of 1566, and has tried to establish criteria for distinguishing genuine medals from later copies. Medals with miniature bottles and bowls attached were first depicted in the late seventeenth century. (Author)

818 MIRNIK, IVAN. Josip Radkovic: Zagreb's second engraver. *The Medal* 33 (Autumn 1998) pp. 73-80.

Josip Radkovic was the second medallist was the second engraver and medallist in Zagreb (Croatia), a pupil and successor of the first, Franjo Kares. Trained in Zagreb, Radkovic went to Vienna and opened a workshop in 1883. He is the author of various medals issued on the occasion of royal visits, sports meetings, fairs and exhibitions or by local fire brigades, choral societies etc, struck between 1888 and 1910. Radkovic was a leading citizen of Zagreb. (Author)

819 MODESTI, ADOLFO. Un a medaglia inedita di Pio II. *AN* 3 no. 11 (September 1993) pp. 218-22 illus.

The author publishes and discusses a previously unknown medal of Pius II with (on the reverse) a fantasy depiction of three facades of the Tempio Malatestiano of Rimini, drawn by Leon Battista Alberti. (Novella Vismara)

820 MOLONIA, GIOVANNI. Una medaglia di Montorsoli. *Numismatica, Archeologia e Storia dell'Arte Medievale: Ricerche e Contributi, Quaderni dell'Attività Didattica del Museo Regionale di Messina* 5 (1995) pp. 45-62 illus.

821 MULLALY, TERENCE. The new work of Eniko Szollossy. *The Medal* 33 (Autumn 1998) pp. 103-12.

While Hungary was still Communist, Eniko Szollossy was one of that tiny group of the creative who kept intellectual and emotional integrity alive. Her medals work

on an emotional level while exploring the medal's tactile and aesthetic qualities. The new developments in her work prove that Hungary is once more for the positive in the mainstream of European culture.
(Lorna C. Goldsmith)

822 PACIARONI, RAOUL. *San Pacifico nelle medaglie di devozione*. S. Severino Marche, Circolo Filatelico e Numismatico 1998. 47 pp. illus.

823 PARISE, ROBERTA. Le medaglie di Massimiliano d'Asburgo. F. Busatta and S. Busatta, eds., *Da Montezuma a Massimiliano. Itinerari messicani attraverso le "Camere delle Meraviglie" e la Collezione Bottacin* (Padua 1998) pp. 54-57 and 134-37 illus.

824 PÂRVAN, KATIUŞA. Câteva insigne şi medalii vasluiene din colecţiile Muzeului Naţional de Istorie [Some medals and decorations of Vaslui in the National Museum of History]. *MuzNat* 10 (1998) pp. 59-63 illus. French summary.

825 PERKO-GREIFFENBÜHL, WALTER. *Johannes Mayerhofer (1859-1925), Maler, Bildender Künstler, Journalist*. Katalogblätter des Rollett-Museums Baden 7. Baden 1997. 65 pp. illus.

The author discusses the life and works of the sculptor, who also produced casts and medals.
(Karl Schulz)

826 PERKO-GREIFFENBÜHL, WALTER. *Medaillen, Plaketten, Abzeichen und Marken der Stadt Baden bei Wien 1714-1995—Ergänzungsband*. Baden 1998. 40 pp. illus.

This volume completes the catalogue published in 1995. (Günther Dembski)

827 PERKO-GREIFFENBÜHL, WALTER. *Der akademische Bildhauer Franz Vock (1883-1969)*. Katalogblätter des Rollett-Museums Baden 11. Baden 1998. 24 pp.

828 PERKO-GREIFFENBÜHL, WALTER. *Der akademische Bildhauer Josef Müllner (1879-1968)*. Katalogblätter des Rollett-Museums Baden 16. Baden 1998. 32 pp.

829 SCHARLOO, MARJAN. Dutch medals: an introduction. *The Medal* 33 (Autumn 1998) pp. 3-13 illus.

This article is a survey of the history of the Dutch art medal from its inception in the Renaissance to the present. It highlights significant aesthetic transformations, and looks at the dynamic relationship between societal changes and uses of medals.

(Lorna C. Goldsmith)

830 SCHARLOO, MARJAN. Images of war and peace 1621-1648: the Dutch medals. *The Medal* 33 (Autumn 1998) pp. 23-38 illus.

The aim of the article is to gain more insight into the opinions of the Dutch elite during the second phase of the Thirty Years War, in so far as they were expressed in contemporary medals. The designs of the war medals are more restrained than those produced earlier. A possible explanation for this may be found in the political and religious situation in the Republic in 1619. Topographical prints formed a new source of inspiration for medallists.

(Lorna C. Goldsmith)

831 SCHER, STEPHEN K. A chronicle in silver: Dutch medals of the Golden Age. *The Medal* 33 (Autumn 1998) pp. 39-50 illus.

Virtually every aspect of extraordinary rise of the modern Netherlands was recorded in commemorative medals. In the seventeenth century the Dutch medallists were prolific. They were, for the most part, silversmiths and often acted as die engravers and mint masters. The Dutch portrait medal was given a distinct character by its high relief. The technique of combining two thin cast shells for obverse and reverse was also uniquely Dutch and grew out of the silversmith's art.

(Author)

832 SCHMIDT, GÜNTER ERIK. Ehrenzeichen der österreichischen Universität und Hochschulen. *ZöstGesOrd* 29 (February 1998) pp. 3-23 illus.

833 SCHULZ, KARL. Die Medaillenproduktion der Münze Österreich AG im Jahr 1996. *MÖNG* 37 (1997) pp. 18-22.

834 SCHULZ, KARL. Die Medaillenproduktion der Münze Österreich AG im Jahr 1997. *MÖNG* 38 (1998) pp. 40-44.

835 SCUKINA, EVGENIJAS. Le medaglie. *Caterina di Russia. L'imperatrice e le arti, Catalogo della Mostra, Firenze 1998* (Milan, Electa 1998) pp. 158-63 illus.

The author publishes some medals from the collection of Catherine the Great, some of which were acquired by the sovereign and some of which were issues directly produced in the mint of St. Petersburg.

(A. Carignani)

836 SOUDIJN, KAREL. Words as images. *The Medal* 33 (Autumn 1998) pp. 61-68 illus.

Since the 1950s a number of Dutch medallists, many of whom are sculptors by training, have explored the potential of typography. Some results of their efforts are illustrated in an analysis of nine medals, designed by five artists: Pieter de Monchy, Eric Claus, Piet Esser, Christine Nijland and Jos Reniers. (Author)

837 SPOERRI, MARGUERITE. Aperçu de la littérature consacrée à la médaille suisse entre 1972 et 1996. Rapports sur l'état présent des recherches en numismatique et histoire monétaire suisse I. *SM* 47 no. 187 (1997) pp. 87-91.

838 STEYN, GEER. Moon and mouse: the FIDEM Congress Medal 1998 created by Mirjam Mieras. *The Medal* 33 (Autumn 1998) pp. 69-72 illus.

This article is about the FIDEM medal 1998 in the perspective of the modern Dutch art medal tradition. It analyses the historical context and the influence of the arte povera. (Author)

839 ȘTIRBU, CONSTANȚA. Documente inedite privind emiterea decorațiilor românești în perioada anilor 1916-1922 [Unpublished documents concerning the issue of Romanian decorations during the years 1916-22]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 245-68 illus. French summary.

840 ȘTIRBU, CONSTANȚA. Două medalii dedicate medicului George Assaky (1855-1899) păstrate la Muzeul Național de Istorie a României [Two medals in the National Museum of History of Romania dedicated to the physician Georges Assaky (1855-99)]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 183-88 illus. French summary.

841 STOCKER, MARK. 'Pommie-Aussie-Kiwi': Paul Beadle, medallist. *The Medal* 33 (Autumn 1998) pp. 83-98.

The work of Paul John Beadle is a unique medallic and sculptural achievement in New Zealand art of the 1960s and 1970s. Beadle's work is examined in its art historical context. Individual pieces are examined in the light of their iconographic, technical or historical importance. (Lorna C. Goldsmith)

842 TALVIO, TUUKKA. Hakaristi ja Vapaudenristi [The swastika and the Cross of Liberty]. *Numismaattinen Aikakauslehti* 1 (1999) pp. 21-23 illus.

When the artist A. Gallen-Kallela in 1918-19 designed the the insignia of the orders of the Cross of Liberty and the White Rose of Finland, he used in both cases the swastika motif which at that time was a popular national-romantic symbol in Finland. In 1963 the swastika was removed from the collar of the Order of the White

Rose because its form was identical with that of the Nazi symbol. In the Cross of Liberty the swastika has a different form and it is still part of the design. (Author)

843 TALVIO, TUUKKA. Mitalitaiteemme vaiheita (2): Routavuosisista maailmansotaan [Medallic art in Finland from 1898 to 1917]. *Mitali – Medaljen* 2 (1998) pp. 29-34 illus. English summary.

The custom of issuing portrait medals with allegorical reverse motifs became popular in Finland around 1900. The artists were mainly Finnish but after 1912 practically all the medals were engraved and struck abroad. The First World War caused a break that lasted until 1920. (Author)

844 TALVIO, TUUKKA. Due medaglie del rinascimento italiano nella collezione Antell. *Settentrione, Rivista di studi italo-finlandesi* N. S. 10, 1998 (Turku, 1999) pp. 108-13 illus.

The portrait medal of Pisanello, formerly attributed to Marescotti, and Matteo de' Pasti's small medal of Sigismundo Pandolfo Malatesta, were bought by the National Museum of Finland from Switzerland in 1952 and 1995, respectively.

(Author)

845 TILANUS, LOUK. The Dutch Art Medal Society and its issues. *The Medal* 33 (Autumn 1998) pp. 51-60 illus.

This article discusses the history of the Dutch Art Medals Society and the way it has worked with twentieth-century medallists to promote the medallic art form. It looks in detail at the artists Jan Bronner and his pupil Esser who practised from the early twentieth century, and subsequently considers the consequences of more recent developments in Dutch medallic art. (Lorna C. Goldsmith)

846 TURRICCHIA, ARNALDO. La medaglia per Enea Montecuccoli-Caprara attribuita a Petronio Tadolini (D.) e Luigi Manfredini (R.). *AN* 7 no. 25 (March 1997) pp. 550-58 illus.

847 WECKBECKER, WILHELM. Zur Geschichte des österreichisch-ungarischen Ehrenzeichens für Kunst und Wissenschaft. *ZöstGesOrd* 27 (Aug. 1997) pp. 1-32 illus.

The decoration "litteris et artibus" was created in 1887 and was conferred until 1913. A detailed description of its origin is given. Each distinguished recipient of this order is described. (Karls Schulz)

848 WEIL, ALAIN. Une médaille inédite de Benno Elkan relative à la famille Rothschild. *The Medal* 33 (Autumn 1998) pp. 81-82.

A previously unpublished medal of Kitty de Rothschild (1885-1946) is presented here. Born Kathleen Wolff in Philadelphia, she married Baron Eugene de Rothschild in 1925. The medal is by the painter, sculptor and medallist Benno Elkan (1877-1960), who was born in Dortmund, studied in Munich and Karlsruhe, and worked in Paris under Albert Bartholme; he subsequently lived in London from 1933 until his death.
(Lorna C. Goldsmith)

849 WISEHN, IAN. Dem til ära dessa bära—medaljer från hemliga sällskap [To be carried for their honor—medals from secret societies]. *NNUM* 3 (1999) pp. 43-45 illus. In Swedish.

The author discusses 18th-19th century medals from secret societies in Sweden.
(Jens Christian Moesgaard)

850 ZOBL, HELMUT. *Helmut Zobl. Prägungen 199-1998. Werkverzeichnis und Auswahl von Bildern.* Vienna, private publication 1998. 272 pp. illus.

The artist himself provides a discussion of his work. (Karl Schulz)

For additional references to Medals and Decorations, see the following abstracts:

General, no. 20

Western and Central Europe, no. 674.

PAPER MONEY

851 ABELLO I SABATE, D. Catàleg de monedes de necessitat i fitxes de cooperatives de Catalunya (1890-1950). *L'Ardit* 11 (1998) pp. 36-39.

852 ABELLO I SABATE, D. Catàleg de monedes de necessitat i fitxes de cooperatives de Catalunya (1890-1950). *L'Ardit* 12 (1999) pp. 33-36.

853 ALLEN, HAROLD DON. Fifty-Year Reflection: A "Good Time" is Now. *IBNS* 38 no. 1 (March 1999) pp. 28-33 illus.

The author presents reminiscences of fifty-plus years of world banknote collecting, including tales of some of his significant "finds" (and some of not-so-significant finds).
(Joseph E. Boling)

854 AUGUSTSSON, THOMAS. Bank Notes of PMR—The Transdiestr [sic] Moldavian Republic. *IBNS* 37 no. 4 (December 1998) pp. 21-25 illus.

A brief history of the PMR is presented, stressing the fact that the PMR is an "unrecognized, de facto, independent state...strong enough to defend" itself, one of several that have arisen from the devolution of other states over the past decade (in this case, the USSR). The note issues of the PMR are described and the rarities noted. Fantasies alleged to be PMR issues are also mentioned. *(Joseph E. Boling)*

855 BENAVIDES, JAIME. Mexican Bank Note Treasure Found. *IBNS* 37 no. 4 (December 1998) pp. 38-39 illus.

Some time early in the century (conjectured to be 1914 during the internal revolutionary turmoil in Mexico) a chest containing over 65,000 Mexican notes fell into the hands of the United States. Stored at the Treasury Department for decades, the chest was returned to the Mexican government in 1997. Duane Douglas has catalogued its contents; this article summarizes very briefly the highlights of the hoard. Eleven previously unknown high denomination notes, signed and circulated, are included. Many notes previously known in fewer than five examples now are known in quantities up to twenty times their previous numbers. The disposition of this hoard has not been decided. *(Joseph E. Boling)*

856 BROCK, ERIC J. The Mysterious Building on the \$100 Shreveport Note. *IBNS* 38 no. 1 (March 1999) pp. 26-27 illus.

The author conjectures that the imposing building shown on State of Louisiana \$100 notes of 1863 is a proposal for a state capitol building that was never built. *(Joseph E. Boling)*

857 COMAS, R. Les fixxes del Born. *L'Ardit* 11 (1998) pp. 14-17.

858 DIETRICH, CHRISTIAN. Die Notgeldausgaben der Handelsabteilung der Staatlich Sächsischen Hüttenwerke bei Freiberg. *Freiberger Münzblätter* 8 (1999) pp. 13-21.

859 FELLER, STEVE and ERIC HAMMARSTEN. A Numismatic Adventure on the Isle of Man. *IBNS* 38 no. 1 (March 1999) pp. 18-24 illus.

The authors spent five days visiting many sites of World War II internment camps on the Isle of Man. Surprisingly, these "camps" were resort hotels and apartment buildings converted to house internees. Most such camps created their own scrip (and in one case tokens) for the internees' use. The object of the visit was to learn more than is presently published in numismatic sources about these emissions. Several troves of new materials were discovered, most of which will be reported in a forthcoming book. One unpublished check used in the Peveril camp canteen is illustrated in the article, as well as photographs of many of the camp buildings, still in use as hotels. *(Joseph E. Boling)*

860 FISHER, JACK H. Romana Acosta Banuelos—Trail Blazer and Role Model. *IBNS* 37 no. 4 (December 1998) pp. 17-19 illus.

Appointed Treasurer of the United States in 1971, Ms. Banuelos served until early 1974. Having been a teenage immigrant from Mexico about 1944 (with two young sons), she became a successful business woman and bank officer, rising to chairman of the board of the Pan American National Bank of East Los Angeles. Her signature appears on several varieties of series 1969 US Federal Reserve Notes.

(Joseph E. Boling)

861 GAVELLO, FRANCO and CLAUDIO BUGANI. *LirEuro: Biglietti della Banca D'Italia 1999*. Bologna, Edizioni Tipoarte 1998. 192 pp. illus. Bilingual in Italian and English.

Notes of the Bank of Italy and its predecessors from 1893 are catalogued in detail, including some military and emergency emissions. Note types are fully described, including design features, place of manufacture, and circulation dates. Each emission decree date is listed individually, with signatories, rarity codes, and values in lire. Replacement note identification and evaluation are included starting in 1947. Supplemental information includes local emissions denominated in Euros (with values) and issues of the Bank of Italy (later the Bank of America) in San Francisco (illustrated and described, but not evaluated).

(Joseph E. Boling)

862 GEIGER, VLADIMIR. Žigosanje Austrougarskih novčanica nakon Prvog svetskog rata s posebnim osvrtom na neke tipove osječih žigova [Stamping of Austro-Hungarian banknotes after the First World War with particular note of certain types of Osijek stamps]. *Osječki zbornik* 18-19 (1987) pp. 115-25 illus.

The author describes the process of stamping Austro-Hungarian notes from 25 December 1918 to 31 January 1919 in order to legalize their circulation in the Kingdom of Serbs, Croats and Slovenes, and illustrates 17 examples of stamps used.

(Charles B. Smith, Jr.)

863 HANGANU, LILIANA-NICOLETA and RADU OCHEȘEANU. Macheta bancnotei de 1000 lei BNR, creată de Ary Murnu [The model of the 1000 Lei bank note created by Ary Murnu]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 139-42 illus. English summary.

864 HANSEN, FLEMMING LYNGBECK. Among Graces and Storks: Notes on Denmark P42, 43 and 44. *IBNS* 38 no. 1 (March 1999) pp. 33-38 illus.

The author reports on the 5 and 10 kronor notes mentioned in the title in great detail, with significant new information about serial numbering schemes, signatures,

dating, sheet layouts, replacement notes, and more. The information on numbering includes tables showing when each serial block was produced (with a few blocks still needing confirmation). There is also considerable information about minor varieties through the many years of production of these types. (Joseph E. Boling)

865 HEATH, HENRY B. *The Kings of Thailand on Bank Notes*. *IBNS* 37 no. 4 (December 1998) pp. 32-37 illus.

A brief history of the Chakri Dynasty, with biographies of the Thai monarchs who appear on notes, accompanies a listing of those notes. The present king, Rama IX, is the world's longest-reigning monarch (since 1946). (Joseph E. Boling)

866 HEWITT, VIRGINIA. *The camel that never was: British note issues for Ceylon, 1800-1941*. *BNJ* 67 (1997) pp. 84-92 illus.

This article examines the designs of paper money issued for Ceylon by private banks and colonial governments, during the period of British administration. Printed in England, the notes carried references to British authority, and combined European iconography with sometimes curious symbolism of the colony. By the end of the period more naturalistic views of Ceylon presaged the advent of self-government and a national note issue. (Author)

867 HEWITT, VIRGINIA. *Beware of imitations: the campaign for a new Bank of England note, 1797-1821*. *NC* 158 (1998) pp. 197-222 illus.

In 1797 the Bank of England was compelled to issue low denomination notes for one and two pounds, to replace coinage made scarce by war with France. The new notes brought paper money into the hands of poorer, less literate people, vulnerable to the risks of forgery as victims or perpetrators. The number of counterfeit notes rose dramatically. For almost twenty-five years until 1821 the Bank of England and others attempted to find a new note design. The search sparked a wealth of technical and artistic innovation, vigorous public demands for change, and intense personal ambitions and animosities. (Author)

868 HSU YIH-TZONG. *Banknotes of the Commercial Banks of China*. Taipei, by the author 1998. 194 pp. illus. In Chinese. ISBN 957-97292-4-7.

Over 225 note types of eighteen commercial banks are listed; almost all are illustrated, including many varieties, mostly of issue location. Some banks whose notes were never circulated are included. Foreign banks in China are not treated. (Joseph E. Boling)

869 JAVADHISHIVILI, NIKO. *Kartuli bonistika (Kaghaldis safastmcodneoba) [Georgian Bonistique (Paper Money Expertise)]*. Tbilisi, Farnavazi 1996. 192 pp. In Georgian.

This is the first monograph on Georgian paper money of 1918-24 and 1993-95.

(G. Djaparidze)

870 JAVADHISHIVILI, NIKO. Qalbi fuli rogorc politikuri iaraghi (Qalbi fulis istoridan) [Counterfeit money as a political weapon (On the history of counterfeit money)]. *Kartuli diplomatia. Celicdeuli [Georgian Diplomacy. Annual]* 5 (1998) pp. 242-68. In Georgian with English summary.

The author cites several events in the history of counterfeiting, especially in the Russian Empire, in Georgia from 1918-21, and in the U.S.S.R. The main emphasis is on attempts to use counterfeit money as a political weapon. (G. Djaparidze)

871 JAVADHISHIVILI, NIKO. Sakartvelo-germaniis finansur-ekonomikur urtiertobata istoridan (1918) [On the history of Georgian-German financial-economic relations (1918)]. *Kartuli diplomatia. Celicdeuli [Georgian Diplomacy. Annual]* 5 (1998) pp. 269-74. In Georgian with English summary.

The article deals with some aspects of the financial and economic relations between Georgia and Germany from May to October 1918. Among the agreements signed in Poti on May 28, 1918, one referred to currency. According to this agreement, Georgia would allow the temporary circulation of the German Mark as legal tender along with the local currency, the paper money of the Transcaucasian Commisariat. (G. Djaparidze)

872 JAVADHISHIVILI, NIKO. *Sakartvelos demokratiulu respublikis bonebi (1919-1921) [Bons of the Democratic Republic of Georgia (1919-1921)]*. Tbilisi, Intelekti 1998. 64 pp. illus. In Georgian with English summary.

This work deals with bons, provisional banknotes of the Democratic Republic of Georgia which were in circulation between 1919 and 1921. It also deals with the complicated political, financial and economic situation when the authorities introduced national currency. Taking into consideration respective materials, the author makes it clear that against the appalling background of the former Russian Empire, Georgia enjoyed better conditions, which reflected favorably upon the rate of national currency. (G. Djaparidze)

873 KONDIJANOV, JOVAN. Monetarno osamostojuvanje na Republika Makedonija [Monetary independence of the Republic of Macedonia]. *Macedonian Numismatic Journal* 1 (1994) pp. 103-16 illus. English summary.

The author describes the circumstances leading to FYRO Macedonia's establishment of an independent monetary system in 1992. Illustrated are the first

issue of paper coupons which replaced Yugoslav banknotes beginning April 27, 1992, and the subsequent first Macedonian Denar banknote issue, as well as the first coin issue.
(Charles B. Smith, Jr.)

874 LEVIUS, HAROLD. Paper Money Reflections of Winston Churchill's Miracle in the Desert: Part I: The Neglected Outposts of the Turkish Empire. *IBNS* 38 no. 1 (March 1999) pp. 6-12 illus.

The history of the settlement of Palestine by Jewish refugees is presented in some detail, starting with descriptions of the state of the region in the mid-19th century ("desolate and unlovely"—Mark Twain after an 1867 visit) and continuing through the British machinations against the Ottomans and Germany in the early 20th century. The early contributions (economic, medical, agricultural, military) of prominent Jews from all over the world are described and their depictions on Israeli bank notes explained.
(Joseph E. Boling)

875 MORI, ROBERTO. Evoluția tehnică a desenului bancnotei. *130 de ani de la crearea sistemului monetar românesc modern* (Bucharest, Editura Enciclopedică 1997) pp. 375-79. The technical evolution of the banknote design. *130 years since the establishment of the modern Romanian monetary system* (Bucharest, Editura Enciclopedică 1997) pp. 365-68.

876 NIELSEN, NIELS. *Sedler brugt af danskere under 2. verdenskrig* [Notes used by Danes during WWII]. Copenhagen 1998. 253 pp. illus. In Danish.

This is a catalogue of official, private and emergency bank notes and other paper-based types of money from Denmark and concentration camps with Danish prisoners, with many quotations from contemporary newspapers. (Jens Christian Moesgaard)

877 OCHEȘEANU, RADU. O bancnotă de 2 lei cu defect de imprimare [A 2-lei note with a printing defect]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 135-37 illus. French summary.

878 PFEIFER, DON. Kim Yun Sik. *JEAN* 5 no. 4 (whole number 18, Winter 1998) pp. 5-12 illus.

A biography of Kim Yun Sik, Korean nationalist and the man whose portrait is believed to appear on most notes of the Bank of Chosen, is presented. Additional information about Paul Georg von Möllendorf (German advisor to the Korean foreign office) and the 1 March 1919 movement is included.
(Joseph E. Boling)

879 REINAL BOIX, J. El Banco de España, su pluralidad y monopolio de emisión. *Gac Num* 132 (1999) pp. 41-49.

880 RISVAAG, JON ANDERS. Pengesaningen i Finnmark etter 2. verdenskrig [The compulsory exchange in the Finnmark after WWII]. *NNUM* 2 (1999) pp. 23-26 illus. In Norwegian.

881 RUDICH, JURI and ANTS KULO. Paper Money of the Republic of Estonia. *IBNS* 37 no. 4 (December 1998) pp. 6-16 illus.

The narrative comprises three sections: 1918-28 (mark-denominated currencies); 1928-40 (krooni-denominated currencies); and factory notes. The catalogue section of the article also covers post-Soviet emissions 1991-96, and includes values in three grades. (Joseph E. Boling)

882 SCHWAN, FRED. More on Fiji World War II Currency. *IBNS* 38 no. 1 (March 1999) pp. 39-40 illus.

Working from an uncut sheet of the 1 January 1942 one shilling note, the author attempted to find features that would allow any note to be placed in its original position on a reconstructed sheet. He was not able to do so, but did come up with some interesting variety observations not previously reported. (Joseph E. Boling)

883 SYMES, PETER. The 1967 £20 Issue of the National Commercial Bank of Scotland. *IBNS* 37 no. 4 (December 1998) pp. 19-20.

The bank only existed ten years under this title, but emitted nine note types and some varieties. Of special interest are late printings by De La Rue, long thought to exist as specimens only; an issued example has now been discovered of the £20 note (unfortunately not illustrated in the article). (Joseph E. Boling)

884 SYMES, PETER. Gulf Rupees. *IBNS* 38 no. 1 (March 1999) pp. 13-17 illus.

Until the early 1960s (and occasionally later), Indian rupees were the legal tender currency of several small states in the Persian Gulf. Drains on sterling reserves in India were caused by smuggling of Indian currency to the gulf, where it was used to buy gold that was re-smuggled back into India; the excess Indian currency in the gulf states was later presented for redemption by the Reserve Bank of India. To combat this problem, the bank introduced special notes in 1959 that could only be obtained by the gulf states through official sources, and were not available to the public in India. These notes were of different colors from the homeland notes, and had minor other differences. Simultaneous with their introduction, special notes (in yet other colors) were introduced for use by *haj* pilgrims departing India for Saudi Arabia. Bank documents describing these issues are quoted at length, and collateral information about the contemporary currencies of the gulf states is also presented.

(Joseph E. Boling)

885 TOPP, JOCHEN JOS. *Das Papiernotgeld von Westfalen. Notgeldausgaben des Provinzialverbandes und der Landesbank der Provinz Westfalen, der Kommunen, der Banken und der Privatwirtschaft 1914-1948.* Dülmen, by the author 1998. 725 pp. illus. ISBN3-00-003050-6.

886 TURRO, A. La fauna en els billets locals catalans de la guerra, 1936-1939. *L'Ardit* 11 (1998) pp. 40-42.

887 TURRO, A. Els vals monetaris emesos pel partit "Esquerra Republicana de Catalunya" durant la guerra del 1936-1939. *L'Ardit* 12 (1999) pp. 37-42.

For additional references to Paper Money, see the following abstract:
Western and Central Europe, no. 649.

TOKENS AND JETONS

888 DU QUESNE BIRD, N. The Bristol civic tokens of the 16th century. *NCirc* 106 (1998) pp. 262-63 illus.

889 DYKES, D.W. Who was 'R.Y.'? Searching for an identity. *BNJ* 67 (1997) pp. 115-22 illus.

This paper seeks to identify 'R. Y.', a pseudonymous contributor on eighteenth-century provincial coins or tokens to *The Gentleman's Magazine* in 1796-97, as William Hay (1761-1839), numismatist and issuer of the Buxton halfpenny (Dalton and Hamer – Derbyshire 1-3), on the basis of parallels between comments in 'R. Y's' letters to the magazine and annotations in Hay's copies of Pye's *Provincial Copper Coins and Tokens* (1795) and *The Virtuoso's Companion*. (Author)

890 DYKES, D.W. Mr Croom's halfpennies. *NCirc* 106 (1998) pp. 386-89 illus.

The issuer of the Dundee 'Infirmity' halfpenny token of 1796 is identified as William Croom, a Dundee shopkeeper and wholesale merchant. (Martin Allen)

891 DYKES, D.W. The myth of Mr Dawes's monogram. *NCirc* 106 (1998) pp. 352-25 illus.

The supposed 'J.D.' monogram on 1787 penny tokens of the Anglesey Parys Mine Company is reinterpreted as '1 D,' indicating the denomination. (Martin Allen)

892 ENDER, C. A Vehicle Operated in Istanbul During the 19th Century (Omnibus) and 'Scutary Omnibus Company' Token. *Notes of the First International Numismatic Symposium. 9-10.XI.1993* (Istanbul, Turkish Numismatic Society 1999) pp. 320-26. Text in Turkish and English.

893 HANGANU, LILIANA-NICOLETA. Un loz al loteriei organizate de Astra (Sibiu, 1899-1900) [A ticket at the lottery organized by Astra (Sibiu, 1899-1900)]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 129-34 illus. English summary.

894 HASSELMANN, W. *München Marken und Zeichen*. Gütersloh, Münzhandel + Verlag B. Strothotte 1998. 714 pp. illus. ISBN3-980467-4-3.

895 KRASNOV, GJURO. *Žetoni kao sredstvo plaćanja u Hrvatskoj i susjednim zemljama* [Tokens as a means of payment in Croatia and neighboring countries]. Zagreb, Obol-naklada 1999. 75 pp. illus. English summary. ISBN 953-6388-04-9.

The author illustrates (full size or enlarged) and provides brief descriptive notes on 221 examples from his collection representing the lands which now make up Croatia (135), Slovenia (20), Serbia (49), Bosnia and Herzegovina (5), unlocated (8), and four of other European countries. (Charles B. Smith, Jr.)

896 MANEGOLD, CORNELIA. *Grammatica loquitur—Arithmetica numerat*. Ein numismatischer Beitrag zur Geschichte des Nürnberger Schreib- und Rechenmeisters. *JNG* 47 (1997) p. 167 ff.

From the middle of the 16th century on, the very common "Schulpfennig" (school penny) of Nuremberg had the function of an admission token and as a "Horn book." The representations of the teacher and the ABC tablet refer to the *Ars Arithmetica* and the *Ars Grammatica* in use at the school. Both arts had a preferred ranking over other skills, since with these two all other accomplishments become possible. (Gerd Stumpf)

897 MARTINI, ERLAND. Das Färbermarken-Buch von Eilenburg (Sachsen). *NNb* 48 (1999) pp. 117-18 illus.

898 OCHEȘEANU, RADU and CONSTANTIN MIHAI. Jetoane românești inedite și mai puțin cunoscute (II) [Unpublished or unknown Romanian jetons (II)]. *BSNR* 88-89 (1994-95, publ. 1998) pp. 143-78 illus. French summary.

This is the continuation of the article in *BSNR* 80-85 (1986-91) pp. 183-221, with 252 new examples. (Eugen Nicolae)

899 PROKISCH, BERNHARD. Die Rechen pfennigprägung der Münzstätte Linz. *MÖNG* 37 (1997) pp. 73-86 illus.

The jetons of officials of Upper Austria, who were active in the administration and issue of coinage, and their connections to the mint of Joachimstal are discussed. In addition, portrait medallions exist of some of these officials. (Karl Schulz)

900 ROBINSON, P.H. Beneath the floorboards: two West Country finds of tokens. *BNJ* 67 (1997) pp. 123-24 illus.

901 SANTOS, FRANCISCO. Os *Bilhetes* do Porto do Douro [The *Notes* of the Port of the Douro]. *A Permuta* 92 (Porto, Sept./Dec. 1998) pp. 17-19 illus. In Portuguese.

These *notes* were in fact metallic tokens of various shapes which were-issued by private companies situated in the port and given to the stevedores as proof of the work done. The tasks of the stevedores at the port are described; for the most part, the companies who issued these tokens are not identified. (Alain Costilhes)

For additional references to Tokens and Jetons, see the following abstract: Medals and Decorations, no. 826.

REVIEWS

ALBERT, RAINER and REINER CUNZ (eds.). Wissenschaftsgeschichte der Numismatik. Beiträge zum 17. Deutschen Numismatikertag 3.-5. März 1995 in Hannover. Schriftenreihe der Numismatischen Gesellschaft Speyer 36. Speyer 1995. Rev. Günther E. Thüry, *SM* 48 no. 191 (1998) pp. 82-83 illus.

ASHTON, RICHARD, ed. Studies in Ancient Coinage from Turkey. London 1996. Rev. A.S. Walker, *SNR* 75 (1996) pp. 237-244.

BERGER, FRANK. 1. Die römischen Fundemünzen (Römisch-Germanische Forschungen 55). Mainz (von Zabern) 1996. Rev. Peter Ilisch, *Osnabrücker Mitteilungen* 193 (1998) pp. 377-79.

BERGHAUS, PETER (ed.). Numismatische Literatur 1500-1864. Die Entwicklung der Methoden einer Wissenschaft. Wolfenbütteler Forschungen 64. Wiesbaden 1995. Rev. Günther E. Thüry, *SM* 47 no. 186 (1997) pp. 79-83.

BERNARDELLI, ARMANDO, GIOVANNI GORINI and ANDREA SACCOCCI. Musei Civici di Vicenza. Cataloghi 2: Le monete romane imperiali da Augusto a Vitellio. Padova 1998. Rev. Alan Walker, *SM* 48 no. 192 (1998) pp. 97-99.

BURKHARDT, ANDREAS, WILLEM B. STERN and GUIDO HELMIG. Keltische Münzen aus Basel. Numismatische und metallanalytische Untersuchungen. Antiqua 25. Basel 1994. Rev. A. Geiser, J.-N. Barrandon, *SNR* 75 (1996) pp. 253-62.

BÜHL, GUDRUN. Constantinopolis und Roma, Stadtpersonifikationen der Spätantike. Zürich 1995. Rev. C.C. Vermeule, *SNR* 76 (1997) pp. 291-95.

CALLATAÏ, FRANCOIS DE. Les monnaies grecques et l'orientation des axes. Glauk 12. Milan 1996. Rev. Wolfgang Fischer-Bossert, *SM* 48 no. 192 (1998) pp. 96-97.

CORSTEN, THOMAS. Katalog der bithynischen Münzen der Sammlung des Instituts für Altertumskunde der Universität zu Köln, Band 2: Könige,

Commune Bithyniae, Städte (ausser Nikaia). *Papyrologia Coloniensia* XI/2. Opladen 1996. Rev. Marguerite Spoerri, *SM* 47 no. 188 (1997) p. 131.

DIMITROV, DIMITAR, ILYA PROKOPOV and BOYKO KOLEV. Modern Forgeries of Greek and Roman Coins. Sofia 1997. Rev. Constantin A. Marinescu, *Minerva* 9 no. 5 (September-October 1998) pp. 46-48 illus.

DIVO, JEAN-PAUL. Münzkatalog Schweiz 1850-1997. Kursmünzen, Schützentaler, Gedenkmünzen. Bad Ragaz 1998. Rev. Balázs Kapossy, *SM* 48 no. 191 (1998) p. 84.

DUNCAN, G.L. Coin Circulation in the Danubian and Balkan Provinces of the Roman Empire AD 294-578. London 1993. Rev. M. Peter, *SNR* 75 (1996) pp. 263-69.

GRAMATOPOL, MIHAI. Arta monedelor geto-dace. Bucharest 1997. Rev. Carmen Ungureanu, *ArhMoldovei* 20 (1997, publ. 1998) pp. 228-29.

GULLBEKK, SVEIN H. Norsk Numismatisk Bibliografi. Oslo 1998. Rev. Jørgen Steen Jensen, *NNUM* 3 (1999) pp. 54-56.

KAMPMANN, URSULA. Die Homonoia-Verbindungen der Stadt Pergamon. Saarbrücker Studien zur Archäologie und Alten Geschichte 9. Saarbrücken 1996. Rev. W.E. Metcalf, *SNR* 76 (1997) pp. 281-83.

KAPOSSY, BALASZ. Sylloge Nummorum Graecorum. Schweiz II: Münzen der Antike. Katalog der Sammlung Jean-Pierre Righetti im Bernischen Historischen Museum. Bern/Stuttgart/Vienna 1993. Rev. R. Ziegler, *SNR* 75 (1996) pp. 245-46.

KARWIESE, STEFAN. Die Münzprägung von Ephesos I. Die Anfänge: Die ältesten Prägungen und der Beginn der Münzprägung überhaupt. Viennna/Cologne/Weimar 1995. Rev. U. Wartenberg, *SNR* 76 (1997) pp. 263-67.

KASHĪSHIYĀN, ALEKSANDIR (translator). Darb al-nuqūd al-‘arabiyya fi Armīniyya wa-tadāwuluhā dākhil wa-khārij al-imbarātūriyya al-‘arabiyya [The issue of Arab coins in Armenia and their circulation inside and outside the Arab Empire]. Halab 1997. Rev. Sahar ‘Ashūr, *Al-Malhak al-shahrī al-‘arabī li-jarīda Ariv al-armaniyya* 9 Sept. 1998 pp. 16-17 illus.

KENT, JOHN P.C. *The Roman Imperial Coinage. Volume X: The Divided Empire and the Fall of the Western Parts, 395-491.* London 1994. Rev. R. Delmaire, *SNR* 75 (1996) pp. 275-79.

KROHA, TYLL. *Grosses Lexikon der Numismatik.* Gütersloh 1997. Rev. Martin Lory, *SM* 48 no. 190 (1998) p. 52.

LESCHHORN, WOLFGANG. *Sylloge Nummorum Graecorum Deutschland, Staatliche Münzsammlung München, 23. Heft: Lydien, Nr. 1-815.* Munich 1997. Rev. Marguerite Spoerri, *SM* 48 no. 190 (1998) p. 51.

LUKANC, IVO. *Les imitations des monnaies d'Alexandre le Grand et de Thasos.* Wetteren 1996. Rev. B. Overbeck, *SNR* 76 (1997) pp. 277-79.

METCALF, WILLIAM E. *The Silver Coinage of Caesarea in Cappadocia, Vespasian-Commodus.* New York 1996. Rev. K. Butcher, *SNR* 76 (1997) pp. 285-90.

MOESTA, HASSO and PETER ROBERT FRANKE. *Antike Metallurgie und Münzprägung.* Basel 1995. Rev. W.B. Stern, S. Hurter, *SNR* 75 (1996) pp. 247-252.

MORTENSEN, MORTEN ESKE. *Nordisk Seddelpris-Årbok.* Oslo 1997. Rev. Walt Jellum, *IBNS* 38 no. 1 (March 1999) p. 47.

NOLLÉ, JOHANNES. *Sylloge Nummorum Graecorum Deutschland, Pfälzer Privatsammlungen, 4. Bd.: Pamphylien (Nrn. 1-960).* Munich 1993. Rev. Marguerite Spoerri, *SM* 47 no. 185 (1997) p. 23.

RUTTER, N.K. *Greek Coinages of Southern Italy and Sicily.* London 1997. Rev. W. Fischer-Bossert, *SNR* 76 (1997) pp. 269-70.

SCHMIDT-DICK, FRANZISKA. *Die römischen Münzen des Medagliere im Castelveccchio zu Verona. Thesaurus Nummorum Romanorum et Byzantinorum (TNRB) 9.* Vienna 1995. Rev. A. Walker, *SNR* 75 (1996) pp. 271-74.

SMOLDEREN, LUC. *Jaques Jongelinck. Sculpteur, médailleur et graveur de sceaux (1530-1606).* Publications d'archéologie et d'histoire de l'art de

l'Université catholique de Louvain XC. *Numismatica Lovaniensia* 15. Louvain-la-Neuve 1996. Rev. Balázs Kapossy, *SM* 48 no. 191 (1998) p. 84.

SPOERRI, MARGUERITE. Monnaies provinciales de l'Orient romain. Collections du Cabinet de numismatique, Musée d'art et d'histoire, Neuchâtel. Cahiers romands de numismatique 5. Lausanne 1996. Rev. M. Serneels-Hofstetter, *SM* 47 no. 186 (1997) pp. 78–79.

TOPALOV, STAVRI. Odriskoto tzarstvo ot kraja na V do sredata na IV vek pr.n.e. Prinosi kam prouchvane na istorijata i monetosecheneto mu. Sofia 1995. Rev. Bontcho Azmanov, *Annals* 2 no. 3-4 (Sofia 1995) pp. 98-100.

TRAVAINI, LUCIA. La monetazione nell'Italia normanna. Nuovi Studi Storici 28. Rome 1995. Rev. Michele Pannuti, *SM* 48 no. 192 (1998) pp. 99-100.

VAN KEUREN, FRANCES. The Coinage of Heraclea Lucaniae. *Archaeologica* 110. 1994. Rev. W. Fischer-Bossert, *SNR* 76 (1997) pp. 271-76.

WARTENBERG, UTE. After Marathon. War, society and money in fifth-century Greece. London 1995. Rev. Silvia Hurter, *SM* 47 no. 185 (1997) pp. 22-23.

WERLICH, ROBERT. Orders and Decorations of all Nations: Ancient and Modern, Civil and Military. Washington, D.C. 1990. Rev. Joseph Uphoff. *JEAN* 5 no. 4 (whole number 18, Winter 1998) pp. 46-47.

OBITUARIES

LAX, RAYMOND (1923-97). *NCirc* 106 (1998) p. 8.

MITREA, BUCUR. *SCN* 12 (1997, publ. 1998) pp. 201-17; *BSNR* 88-89 (1994-95, publ. 1998) pp. 303-5.

MURRAY, JOAN ELISABETH LOWTHER (1917-1996). *BNJ* 67 (1997) pp. 162-7.

NOHEJLOVÁ-PRÁTOVÁ, EMANUELA. *BSNR* 88-89 (1994-95, publ. 1998) pp. 307-12.

PAYNE, DONALD FRANK (1930-1998). *NCirc* 106 (1998) p. 264.

PRICE, MARTIN JESSOP. *BSNR* 88-89 (1994-95, publ. 1998) pp. 313-19.

ROBERTSON, Professor ANNE (1910-97). *NCirc* 106 (1998) p. 8.

SHARP, PAUL (1921-1998). *NCirc* 106 (1998), p. 265 illus.

ZUCCON, BOGOMIL (1923-1997). *Numizmatičke vijesti* 51 (1998) pp. 222-23 illus.

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References are cited by abstract numbers to publications describing hoards. Hoards are filed by contents, not by find spot. The subject headings are the same as those in the text.

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